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ANNUAL REPORT

OF THE

SECRETARY OF STATE,

TO THE

GOVERNOR OF THE STATE OF OHIO,

FOR THE YEAR 1879.

COLUMBUS:
NEVINS & MYERS, STATE PRINTERS.
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REPORT OF THE SECRETARY OF STATE.

OFFICE OF THE SECRETARY OF STATE,
COLUMBUS, OHIO, *January* 1, 1879.

To His Excellency RICHARD M. BISHOP, *Governor of Ohio:*

SIR: In compliance with the requirements of the Constitution and laws of the State, I have the honor herewith to submit the annual report of this department for the year ending with the 15th day of November, 1879.

CORPORATIONS.

During the year there have been filed in this office three hundred and thirty-eight certificates of, and pertaining to, corporations. Of these, ninety were for the incorporation of manufacturing companies; twenty-seven railroad companies; thirty-four building and loan associations; twenty mining and manufacturing companies; five street railroad companies; two banks and savings and loan associations; six printing and publishing companies; six gas companies; forty-six co operative fire and life insurance companies; five co-operative trade associations; one common carrier company; one nursery company; sixteen churches, societies, and benevolent associations; three fire insurance companies; two turnpike companies; two plank road companies; nine companies for building hotels, tenement and other buildings; three ice companies; eight companies for hunting, fishing, yachting, ball playing, and other amusements; one water works company; three musical associations; three oil companies; seven river transportation companies; four telegraph companies; seven telephone companies; one grange association; one art association; one fruit drying company; one political club; one association for breeding birds and other animals; one detective association; two colleges and institutes; three agricultural associations; four mercantile associations; one military company; one stock yard company.

The remainder of said certificates were for the purpose of increase of capital stock, decrease of capital stock, change of time of meeting, extension of lines of railroad, changing name of corporation, etc. General tabular and classified statements of the same are prepared, and will be embodied in the report for publication.

CONTRACTS FOR PAPER.

As required by the act of April 10, 1873, after having given due notice by advertisement, on the 1st day of September, 1879, in the presence of the bidders, I opened the bids, and awarded the contracts for furnishing the State with paper for one year from the 1st day of November, 1879, as follows:

To Messrs. Shultz & Manning, of Miamisburg, Ohio, two thousand reams double super-royal printing paper, at 7 $\frac{95}{100}$ cents per pound. To Messrs. Chatfield & Woods, of Cincinnati, Ohio, two hundred reams double flat-cap paper, at 10 $\frac{74}{100}$ cents per pound; fifty reams brochure cover paper, at 9 $\frac{99}{100}$ cents per pound; seventy-five reams flat cap paper, at 11 cents per pound; seventy-five reams folio post, at 10 $\frac{74}{100}$ cents per pound; fifty reams flat letter paper, at 12 $\frac{95}{100}$ cents per pound. To Messrs. Friend & Fox Paper Company, of Cincinnati, Ohio, forty reams demy paper, at 11 $\frac{91}{100}$ cents per pound. To the Cleveland Paper Company, of Cleveland, Ohio, twenty-five reams medium paper, at 16 cents per pound.

OHIO AND OHIO STATE REPORTS.

Of the Supreme Court Reports, one set has been delivered, during the year, to the Clerk of the Court of Gallia county.

STATUTES ON HAND.

There were on hand, at the close of the year, of Swan's Revised Statutes, 7 copies; Swan and Sayler's Supplement, 239 copies; Curwin's Statutes, Vol. IV, 225 copies; Swan and Critchfield Statutes, Vol. I, 26 copies, Vol. II, 26 copies; Sayler's Statutes, Vol. I, 76 copies, Vol. II, 76 copies, Vol. III, 72 copies, Vol. IV, 71 copies; Gholson and Okey's Digest, 240 copies.

MUNICIPAL CORPORATIONS.

One village has been advanced to a city of the second class, fourth grade. Five villages and two hamlets have been incorporated, territory has been annexed to ten villages, and two villages have surrendered their corporate franchises.

STATIONERY.

A table showing the purchase and distribution of stationery for the year is prepared and will be printed in the Report; also a complete roster of all officers of the State and counties, and of the various public institutions of the State.

REVISED STATUTES.

The Revised Statutes have been distributed as provided by law, as fast as they have been delivered from the State Bindery. This work is so cheap, and so convenient in form, that there is, and will, no doubt, continue to be, a large, popular demand for it, aside from the officials of the State, and the legal profession, and in most of the localities, the proportions received is far short of supplying the demand. The General Assembly, will, doubtless, see the necessity, as well as propriety, of authorizing the publication of an edition which will be needed to meet all present and future contingencies.

GEOLOGICAL MAPS.

Under the contract with Julius Bien, of New York, two thousand of the five thousand copies of the geological map of the State were delivered to this office early in the summer, but in the absence of any authority from the General Assembly, directing their mode of distribution, I deemed it advisable to hold them subject to the action of the present General Assembly. In the meantime, the printing of the remaining copies was ordered to be suspended by the Supervisor of Public Printing, for reasons that will doubtless appear in his report.

STATISTICS.

The report of the Statistics of the State, as usual, will be unavoidably delayed in the preparation, owing to the inadequate means provided by law for collecting the same. The law should be so amended as to secure prompt and accurate reports from county and township officers, and the commissioner of the counties should be required, by law, to allow proper compensation to those officers for their services in this behalf.

ESTIMATES.

The estimates for the ensuing year for expenses and salaries for this department has been carefully made and presented to the Auditor of State. The increase in the estimate for salaries is made necessary by the imposition, from time to time, of additional duties and labor, one of which is the provision of section 312 of the Revised Statutes. This, together with various other duties, will make it necessary to employ for a considerable portion of the year, an extra clerk. The estimate for contingent expenses will be absolutely necessary in order to carry out the provisions of section 76 of the Revised Statutes.

CONTRIBUTIONS.

As heretofore, a number of eminent gentlemen have kindly furnished for this report carefully written contributions upon topics of public interest, which will be found in the printed volume under their respective heads, with the names of the authors.

ACKNOWLEDGMENTS.

I cannot close this report without paying the just tribute of a public testimony to the faithful and efficient services of each and all of the several clerks and assistants who have been associated with me in the discharge of the trusts and duties of this department, and whose names have been upon its roster since the beginning of my term. Their gentlemanly deportment and careful attention to their several duties entitle them to a full measure of the public confidence and esteem, as it has to my own. The last General Assembly, for reasons best known to themselves, but not otherwise apparent, saw proper to reduce nearly all of their salaries, which has been the cause of much embarrassment, if not detriment to this branch of the public service, as well as injustice to them. I trust that the present General Assembly will see the propriety of restoring the appropriation for their salaries to what they were and have been for several years before.

I am very respectfully,

Your obedient servant,

MILTON BARNES,

Secretary of State.

OHIO PIONEER HISTORY.

CRESAP AND LOGAN, CRAWFORD'S CAMPAIGN, AND A BRIEF BIOGRAPHICAL SKETCH OF COL. WILLIAM CRAWFORD.

By ISAAC SMUCKER.

CRESAP AND LOGAN.

The year one thousand seven hundred and seventy-four was a memorable one in our early-time annals. It was the year of "Dunmore's war," an event of great significance to the settlements then on the western borders; and it was the year, also, which placed two names (those of Cresap and Logan) conspicuously upon the pages of western history, with which they came to be so prominently identified—a position they have retained through all the years of now more than a century that have since "come and gone."

The first named (Captain Michael Cresap), was engaged, early in April of the afore-mentioned year, with five or six hired men, in clearing land on the southeast side of the Ohio river, some distance *below* Wheeling, preparatory to making a home for himself and family, which was at the time living in Alleghany county, Maryland. At the same time Logan (whose Indian name was Tah-gah-jute) was, with quite a number of his kindred, quartered in a *wigwam*, or perhaps a temporary hunting camp, at the mouth of Yellow Creek, on the banks of the Ohio River, some forty miles *above* Wheeling. Logan was a son of Shikellany, a celebrated Cayuga chief, who dwelt at Shamokin, on the Susquehanna. Subsequently to 1767, says Drake, the biographer, Logan removed to the West, where, in 1772, the Moravian Missionary, Heckewelder, met him on the Beaver river, and recognized him as an out-spoken friend of the whites.

Thus were employed, and thus were situated, absolutely and relatively, the two men under review (Cresap and Logan) during the early part of the month of April, 1774; the former with the half-dozen men in his employ, preparing a home for his family, some distance *below* Wheeling, near the Ohio river, and the latter, with a number of his kindred, at the same time occupying a *wigwam* or hunting camp, situated on said river, about forty miles *above* Wheeling.

On the 16th day of April, 1774, a large canoe, owned by William Butler, a well-known and leading merchant or trader of Pittsburg, with a number of white men in it, was attacked by three Indians (supposed to be Cherokees) while it was floating down the Ohio, near the mouth of Beaver river, and one of the men in the canoe was killed, one was wounded, and one escaped. This outrage soon became known, and was followed at once by wild, but extensively believed, rumors of further contemplated Indian atrocities. It will readily be seen how news of

such an outrage, with the accompanying reports, would fall upon the ears of excitable and inflammatory frontiersmen, many of whom had, probably, for good cause, been long nursing their hatred of the Indians. And, as might have been expected, the attack on Butler's canoe soon found those who were ready to retaliate, for it was only a few days thereafter when two or three Indians that were going down the Ohio river in a boat were killed by two white men, who alleged the foregoing murder by the Cherokees as the provocation and justification. These men were named respectively Chenowith and Brothers, and were reputed to be of the force that had been in the service of Captain Cresap, and were still acting according to his directions. I believe it has been charged that Cresap was present at the killing of those two Indians, but the probabilities are against it. However, if the charge were true, he was engaged in an inexcusable and an utterly unjustifiable raid, for the murdered victims, as was afterwards clearly established, were not hostile, but friendly Indians.

News of the attack on Butler's canoe, and the murder of one of his men, spread like wild-fire among the settlements along the Ohio river, and it soon reached the ears of Cresap and his men, as well as the other frontiersmen. A panic soon prevailed, and a general rush was made for Wheeling by the white men of the neighboring settlements. At this time, or before, owing to suspicious indications, Cresap and his men had deemed it prudent to take refuge there also, it being considered a good point for concentration and mutual protection in times of threatened danger, a fort, or stockade, having been erected there.

There were strong reasons why Captain Cresap should do nothing to provoke a war or bring on hostilities with the Indians, but on the contrary every motive of interest and well-being existed to induce him to do all in his power to promote peace on the frontiers and maintain friendly relations with the savages. The enterprise in which he was engaged demanded peace, and could not succeed without it. There was, therefore, every motive connected with his success and welfare to prevent a war along the Ohio river. If a war was inaugurated and maintained between the red men and the whites, he must, of necessity, abandon, for the time being, the effort to make a home for himself and family in that region. In peace, and only in peace, could he find success. If, therefore, a state of peace, and the maintenance of amicable relations with the Indians were the only conditions compatible with success, what folly, what superlative silliness he must have been guilty of to destroy all prospects of success by engaging in hostilities and provoking a war? These facts certainly raise a strong presumption of his innocence of the heinous crimes charged.

But whether Cresap did or did not do anything to bring on the war, the war nevertheless came, and it affected Cresap's prospects, as intimated above that it would. He never accomplished his purpose of establishing himself and family in that chosen and favorite location. Indeed, it is not certain that he ever afterwards saw his "improvement." The "Dunmore war" closed late in the year, and the incipient movements were made early in 1775 that clearly indicated an approaching war with the mother country, in which Captain Cresap early took a part, so that the opportunity was never again afforded him to complete the preparations necessary for a permanent settlement on the Ohio.

It will be remembered that at this date (April, 1774), there was an unsettled question of boundary between Virginia and Pennsylvania, the former claiming title to, and exercising authority and jurisdiction over, that portion of Western Pennsylvania watered by the Youghiogheny, Monongahela and Ohio rivers, all being situated in what was called the District of West Augusta, while Pennsylvania claimed it as a part of Westmoreland County, organized the year before. Dr. John Connolly, who was a nephew of Col. George Croghan, of frontier notoriety, was at this time at Pittsburg, exercising authority as commandant, by appointment of Lord Dunmore. He had rebuilt Fort Pitt and named it Fort Dunmore, in honor of the Governor. Pennsylvania had made unsuccessful efforts to eject him. The settlers and temporary persons at Wheeling, including Captain Cresap, favored Virginia's claim, and naturally became victims of the malign influence of Connolly, so far as to recognize his authority, civil and military.

Connolly sent an express to Cresap, which reached him at Wheeling, April 21st, or soon thereafter, informing him "that war was inevitable. That the savages would strike as soon as the season permitted." This message "was the signal for open hostilities against the Indians," says Brantz Mayer, "and resulted in a solemn and formal declaration of war on the 26th of April," and "*that very night two scalps were brought into camp;*" probably the scalps of the two Indians killed by Chenowith and Brothers. The settlers at, and in the vicinity of Wheeling, were doubtless induced to act thus precipitately by the inflammatory appeals made to them by Connolly, whose influence over them was of vicious tendency. "Upon the receipt," says Mayer, "of the above-mentioned warlike letter, a council was called, and the letter was read, not only to the military party, but also to all the neighboring Indian traders, who were summoned on that important occasion." It produced the results already indicated. Connolly was an intriguing, ambitious man—a tool in the hands of Dunmore. The controversy between Virginia and Pennsylvania was most

unfortunate, and the appointment of Connolly equally so; and the two events combined, doubtless led to the Dunmore war. The hostile acts committed, and the vindictive feeling cherished toward the Indians by the white settlers about Wheeling and Pittsburg, were undoubtedly caused by the intrigues, inflammatory appeals and machinations generally of Connolly. Indeed, it is highly probable that Dunmore and his instrument *intended* to excite hostilities between the whites and Indians, so as to divert the attention of the colonists from the oppressive acts of England towards them."

I am not unaware of the fact that it has been charged that Captain Cresap commanded the men that had a skirmish with some Indians at or near the mouth of Captina, sixteen miles below Wheeling, on the 27th day of April, 1774, or a day or two later. The facts are that one day towards the close of April of said year, several canoes having on board a quantity of ammunition and other warlike stores, and filled with Indians who evidently had hostile purposes, were observed floating down the Ohio River, past Wheeling. Immediately a body of frontiersmen started in pursuit, and overtaking them near the mouth of Captina, a battle ensued, in which one Indian was killed, one captured, and several wounded, and one white man was wounded or killed. It has not been established that any of Logan's kindred were present and suffered detriment; certain it is that his family was not killed at Captina. And it is not certain, yea more, it is scarcely probable that Captain Michael Cresap was in that fight. The weight of testimony shows that *he was not there*, though it is by no means conclusive; but his biographer, Rev. John J. Jacobs, positively and unqualifiedly asserts that *he was not there*. But if he had been, it would not prove that he was a murderer, much less that he was the murderer of Logan's family, as the affair at Captina *was a battle*, a fair fight with Indians who were "on the war path," a "*scrimage*," as the backwoodsmen called it, *and not a massacre*.

But the act of barbarity which was the chief cause of the Dunmore war was the well-known and infamous outrage at Yellow Creek, which Logan, in his famous speech, falsely charged upon Cresap, and which it has been established by incontestible evidence was perpetrated by Captain Daniel Greathouse and the men under his command.

Brantz Mayer says that "in the deliberations of the camp at Wheeling on the night after the party's return from the Captina battle, it was determined that a band should march on the following morning about forty miles up the river, in order to attack the camp of Logan; but the band had not advanced more than five miles when, halting for refreshment, Cresap asserted the gross impropriety of executing so dastardly an

enterprise against a party composed of men, women, and children who were known to cherish no hostile intentions, but to be solely engaged in hunting. These facts were familiar to the pioneers, some of whom had visited the Indian camp in question during the preceding month, as they descended the Ohio River on their way to the rendezvous they intended to establish below Wheeling. Cresap's counsel immediately prevailed, and every man present seemed disgusted with a project which a short time before had been so heedlessly and shamefully cherished. The party returned to camp in the evening, and speedily took the road to Red-Stone Old Fort. Thus Cresap and his men were gone from the scene, but unfortunately his prudent and friendly advice as to the settlement or hunting-camp of Logan was not heeded by other adventurers or frontiersmen along the Ohio River, for on the last day of April, 1774, it was cruelly destroyed by others, two days after Captain Cresap and his men had started out on their homeward journey by way of Red-Stone Old Fort."

The foregoing statement, which is fully corroborated, in whole and in detail, by George Rogers Clark, who was one of the party, shows what Michael Cresap had to do with the murder of Logan's family and kindred. The order of events that led to and preceded the "Dunmore war" was first, the attack on Butler's canoe, April 16th, followed probably on the 26th by the murder of two Indians, on which day war was formally declared at Wheeling; then came, on the next day, the battle at Captina, succeeded by the setting out for home by Cresap and his men on the 29th, and the Yellow Creek murder on the last day of April, 1774.

Captain Michael Cresap, the heroic pioneer, the revolutionary patriot, and the gallant soldier, was unjustly maligned and falsely charged with the murder of Logan's kindred at the mouth of Yellow Creek in April, 1774, not only while he was yet living, but also after his death; and although he has been often fully vindicated and the charge disproved, yet there are still those who (ignorantly perhaps) continue to traduce him by reïterating the slanderous charge, and thereby heap odium upon his memory, and attach infamy to his name. Notwithstanding his patriotic utterances and deeds, his meritorious military services, his heroic soldier's death in the interest of his country's independence; and notwithstanding the premature termination of his patriot-soldier career from disease contracted in his country's service, he having thus patriotically offered up his life in early manhood a sacrifice upon the altar of liberty; and still further, notwithstanding he has occupied a revolutionary hero's tomb for more than a century, and the charge against him having been "many a time and oft" denied and refuted, and never

established, still there are those among his countrymen who are ever ready, "seemingly on detraction and defamation intent," with hyena-like proclivities, to break the silence and disturb the quiet of his grave, ruthlessly invade his tomb, causelessly blacken his character, and pervert history to defame him, perpetuate the unmerited infamy that has more or less attached to his name and memory and unjustly tarnished his reputation, and by continued and persistent efforts are endeavoring to render his memory and name odious in the estimation of posterity.

A late example in point, that came under my observation, is found in the leading article of a recent number of one of the most popular of our eastern monthly magazines, in which the writer there of asserts that "Logan, the far-famed Mingo Chief was driven by Cresap's cruelties to become the scourge of the whites;" meaning, of course, that Captain Cresap was responsible for the murder of Logan's relatives at the mouth of Yellow Creek, on the Ohio River, above Wheeling, in the latter part of April, 1774. It is admitted that Logan himself believed at first that Captain Michael Cresap commanded the men, or rater miscreants, that murdered his kindred, but it was, nevertheless, *not true*, and he had been fully advised on that point by Col. John Gibson and others; and, notwithstanding the repeated attempts that had been made to correct his erroneous impressions and false charges, he persistently and stubbornly refused to yield to evidence or withdraw his slanderous charges against an innocent man! *Captain Michael Cresap did not participate in the murder of Logan's family or friends at the mouth of Yellow Creek, directly or indirectly! It was not perpetrated by him or by his orders, nor by men under his command! The infamy of that murderous act, for such it was, attaches properly to the memory of Captain Daniel Greathouse, and not to Captain Michael Cresap!* Gen. George Rogers Clark, a gentleman conspicuously and favorably identified with Western history, and of splendid achievements himself in the Great West, bears manly and unequivocal testimony to the innocence of Captain Cresap of the aforenamed outrage. Further and full testimony to the same point, completely exonerating Captain Cresap of the crime of murdering Logan's friends at Yellow Creek, is found in Brantz Mayer's "Logan and Cresap," which, among other letters, contains one from Gen. George Rogers Clark, addressed to Dr. Samuel Brown, bearing date June 11, 1798; also in "Jacob's Life of Cresap," in "Withers' Border Warfare," and in Luther Martin's pamphlet containing testimony on the subject, and in various other works, as well as in numerous letters. Not the least weighty exculpatory testimony is the following sentence, found in a letter addressed to General Washington, under date of May 7, 1774, by one of his Western land agents, Mr. Valentine Crawford, brother of Col. William Crawford,

who led the unfortunate expedition to the Sandusky Plains in 1782. The sentence in said letter is as follows: "And on Saturday last, about 12 o'clock, there was one Greathouse and about twenty men fell on a party of Indians at the mouth of Yellow Creek, and killed ten of them and brought away one child a prisoner, which is now at my brother's, William Crawford." Of similar import, and scarcely less conclusive, is the testimony of Col. John Gibson, Col. Ebenezer Zane, Col. Ben. Wilson, Mr. John Caldwell, Mr. Benjamin Tomlinson, Luther Martin, Esq., Judge John B. Gibson, once Chief Justice of Pennsylvania, and of many other gentlemen distinguished for talents and character.

As already observed, the "Dunmore War" was the great event of the year 1774 on our Western borders. Captain Michael Cresap commanded a company that was attached to the right wing of the Dunmore army, as he had also done in the preliminary expedition of Col. Angus McDonald to the Muskingum, near the mouth of the Wakkatomika, earlier in the same year. Dunmore's army arrived in the vicinity of the old Indian towns on the Scioto in October, and erected Camp Charlotte at a point near the present village of Westfall, now in Pickaway county, Ohio. Negotiations for peace were opened with Cornstalk and other principal chiefs at "Camp Charlotte," strenuous efforts being made to secure the attendance of Logan, but he could not be prevailed upon to appear, nor in any way make himself a party to any treaty. He had acted, during the summer of 1774, the part of a murderous demon—a cruel, vindictive, bloody-handed murderer—having taken thirty scalps and prisoners during the six months that had elapsed since the murder of his family! In his own expressive language, he "had fully glutted his vengeance;" but yet he was not willing to join in a *treaty of peace!* Dunmore so ardently desired his presence at "Camp Charlotte," and so anxious was he to secure his acquiescence in the terms of a treaty of peace, that he sent Colonel (afterwards General) John Gibson as a messenger to the "Old Chillicothe Town," across the Scioto from the "Pickway Plains," where Logan spent a portion of his time when not "on the war path," to inquire into the reasons of his absence, and, if possible, to secure his presence.

Logan was found, at length, but he was in a sullen mood. Becoming, however, somewhat mollified under the gentle and persuasive manipulations of Col. Gibson, and from the effects of copiously administered "fire water," he moved from the *wigwam* in which this preliminary interview was held, and beckoning Dunmore's messenger to follow, "he went into a solitary thicket near by, where, sitting down on a log, he burst into tears," and uttered some sentences of impassioned eloquence, charging

the murder of his family upon Captain Michael Cresap. Those utterances of Logan were committed to paper by Col. Gibson, immediately upon his return to "Camp Charlotte," and then, *perhaps*, read to the army, or, at least, to the officers then present. The testimony as to the *reading* of it is conflicting. Col. Gibson testified, that "on his return to camp he delivered it to Lord Dunmore," whether orally from memory, or after he had written it, he does not say; most likely after he had put it on paper. Col. Gibson, knowing that Captain Cresap was not guilty of the murder of Logan's family, immediately after the close of the very spirited recital of his injuries, attempted to correct Logan's impressions as to Cresap's guilt, but the half-frantic savage persisted in the charge he had made, or, at least, declined to withdraw it, and Col. Gibson felt bound, therefore, to put it on paper, as near as he could, *just as it was spoken*. And thus was started the infamous slander upon Captain Michael Cresap; and thus it was that the famous speech of Logan originated. If it was read at "Camp Charlotte," as is most likely, every officer present, and the army too (says Gen. George Rogers Clark), must have known that it contained slanderous charges, based on misinformation, against Captain Michael Cresap—charges that have been persistently propagated to the present day, to the great detriment of the fame and memory of an injured, a maligned patriot, a valuable, enterprising, adventurous pioneer of the western frontiers, a companion in arms of General Washington, and a soldier and gallant officer in the army of the Revolution, who died a noble death in the service of his country.

It were a long story to tell, and, therefore, I refrain from telling it, how Lord Dunmore and the "Virginia Gazette," his official journal, printed at the city of Williamsburg, the then seat of government of the colony of Virginia, bearing date February 4, 1775, became instrumental in circulating the famous speech of Logan, which contained the slanderous charge against Captain Michael Cresap, and which was republished in a New York paper, February 16, 1775; and also how, finally, in 1784, Mr. Jefferson gave it further currency by giving it a place in his admirable and popular volume, entitled "Notes on Virginia." He republished it as a fine specimen of aboriginal eloquence, without reference to the truth or falsity of the charge it contained against Captain Cresap, but to disprove the statements of Buffon and Raynal, who alleged American inferiority, and the tendency in America to physical, mental, and moral degeneracy.

Mr. Jefferson characterized "the speech of Logan as so fine a morsel of eloquence, that it became the theme of every conversation in Williamsburg, and wherever any of Dunmore's officers resided or resorted." He

obtained a copy of it, he says, at Lord Dunmore's, in the city of Williamsburg, where the governor of the colony then resided.

Col. John Gibson was a man of talents, and abundantly capable of executing the agency attributed to him in this matter. *He could write a good speech.*

Captain Michael Cresap was the youngest of three sons of Col. Thomas Cresap, and was born June 29, 1742, in what was then Frederick county, but now Allegheny county, Maryland. When, early in 1775, the patriots and soldiers were in demand, Captain Michael Cresap, being very popular with the people, at the call of the Maryland delegates in Congress, raised a company of volunteers for service. He became its commander, and at once marched to Boston and joined the Continental Army of Gen. Washington. His health, however, soon failed, and he attempted to return to his home in Maryland to recuperate, but when, on the 12th of October, 1775, he arrived at New York city on his homeward journey, he found himself too feeble to proceed further. Daily declining, he rapidly approached his end, reaching it October 18, 1775, in the thirty-third year of his age, his widow and four children surviving him. Thus died, in early manhood, the gallant soldier, the pure patriot, the cruelly defamed pioneer, the greatly maligned Captain Michael Cresap. "He was buried on the day after his death, with military honors, in Trinity church yard, where, after the lapse of more than a century, his ashes still repose."

Logan, although he said in his famous speech that "he had fully glutted his vengeance," would nevertheless accept of no terms of peace, either at "Camp Charlotte" or elsewhere; but subsequently engaged in a number of other hostile crusades against the frontiersmen, one of these being the murderous expedition into Kentucky, which resulted in the capture of Ruddell's and Martin's Stations, and the taking of many prisoners. He was also on a similar mission to the Holston river settlements, in 1779.

In order to take an impartial and correct view of the conduct of Logan, the injured, vindictive barbarian, let us, in imagination, take a position on the banks of the Ohio river over a hundred years ago, when the frontiersmen on its south-eastern shores and in the interior settlements, and the Red men roaming over the plains and through the wilderness north-west of it had assumed an attitude of intense hostility towards each other—when the latter embraced every opportunity to rob, capture, and murder the former, and when those outrages were met in a determined spirit of retaliation and revenge by the white settlers—then only will we be able to judge wisely, justly, perchance charitably of

the once friendly Mingo Chief who has been immortalized by Col. John Gibson and Thomas Jefferson.

Man in a high state of christian civilization forgives injuries; in a lower grade of civilization, uninfluenced by christian principles, he usually retaliates in kind, or otherwise, upon the offender, making the "golden rule" to read practically "to do unto others as they do unto you;" in a savage state, if he fails in opportunity to wreak his vengeance upon the wrong-doer, he vindictively pursues those of kin to him; and failing of satisfaction in that, he makes war upon the innocent men, women, and children *of the race* to which the hated and hunted, but uncaptured and unpunished offender belongs! The last-named remedy was Logan's, he being a savage, and the fact *that he was a savage*, is the most that can be said in mitigation of his barbarities.

I have not a word to offer by way of, in the slightest degree, palliating the brutal and unjustifiable murder of Logan's kindred. It was a horrible outrage—an unprovoked massacre—an act of treacherous, cowardly brutality, which had not the shadow of a shade of justification—a crime of such enormity as to be utterly void of the slightest circumstance of palliation—an atrocity so inconceivably wicked as to be without a single feature of mitigation—a most dastardly barbarity—a "rank offense that smells to heaven." Logan felt the sudden, violent, unexpected death of his kindred most keenly—all the more keenly because he and they had been the unwavering friends of the white settlers. And for that reason it was that he so fully realized "the deep damnation of their taking off!" As Logan was a savage, let him be judged as kindly as possible in the light of that fact, and in view of all the attendant circumstances and surroundings, and especially in view of his terrible provocations; and last, though not least, in view of the dimness of the light that was faintly reflected by the semi-barbarous civilization that pervaded both sides of the Alleghenies during the latter half of the eighteenth century, upon the wild and savage regions west of the Ohio.

Logan, after the murder of his family by men, as already stated, under the command of Captain Daniel Greathouse, in 1774, gave way, in a great measure, to intemperance, and became a sullen, cruel, harsh, vindictive, vagabondish drunkard. His acts of barbarity finally brought him to a violent death on the southern shore of Lake Erie, between Detroit and Sandusky Bay, in 1780, at the hands of one of his own race. His rapid degeneration and downward career were doubtless caused by the murderers of his family and kindred.

I have dwelt at greater length on this matter than I intended, but my

desire to vindicate the truth of history, to defend the reputation of a meritorious revolutionary officer against the aspersions most unjustly heaped upon him, and to disprove the false charges that have induced so many to attach infamy to the name and memory of Captain Michael Cresap, will, I trust, be deemed by all fair-minded persons, a sufficient reason and full justification for occupying so much space.

COLONEL CRAWFORD'S EXPEDITION TO THE SANDUSKY PLAINS IN 1782.

Colonel Crawford's campaign to the Sandusky Plains in May and June, 1782, was one of the most notable of the numerous military expeditions that were led into the great north-west during the latter half of the eighteenth century. Whatever may have been the leading purpose of it (and on that point some difference of opinion has always existed), it resulted in disastrous failure, and in the cruel death of its patriotic and gallant commander. The defeat and melancholy fate of the heroic Crawford "caused a profound sensation throughout the country." His fearful sufferings, his sad fate, and terrible death "excited, and will continue to excite, so long as the history of the west shall be read, the most painful interest and liveliest sympathy." General Washington was greatly affected by it, says Butterfield; and made it the subject of a special communication to Congress. So prominent a soldier and citizen had not, during the Revolution, met such a cruel death. It took a strong hold upon the sympathies of the American people, not only among the border settlers and bold pioneers in the West, but also east of the Alleghenies.

The year 1782 was one of war, bloodshed, and carnage. The Indians sought every opportunity to wreak their vengeance upon the unprotected borderers. The woods teemed with savages the most vindictive, and no one was safe from attack beyond the walls of a station, fort, or stockade. The tomahawk and the scalping-knife, says Crawford's biographer, "brought death, in all the brutality of which the infuriated Red man was capable, to young and old, to male and female settlers upon the frontiers."

In view of all the sufferings of his countrymen, and their exposed condition in the border settlements, Colonel Crawford could not remain an indifferent spectator. The audacity and horrible barbarity of the hostile tribes of the Sandusky Plains and elsewhere in the West, led to the agitation, among the border settlers, of a project for their chastisement and subjugation; and it was quite natural that Colonel Crawford should enter into the spirit and feelings that pervaded the public mind about him. He favored the enterprise, and gave it his hearty indorsement and fullest encouragement, urging the raising of an adequate force for the expedition. Moreover, the movement received not only the acquiescence,

the countenance, and encouragement of General William Irvine, the commander of the Western Military Department, but it was authorized and set on foot by him, after maturely deliberating upon the expediency and necessity. Gen. Irvine exerted his influence in favor of the election of Colonel William Crawford, who then held a colonel's commission on the continental establishment, to the chief command of the expedition. And there is also authority for the assertion that General Washington likewise desired that Colonel Crawford, whom he knew well and esteemed greatly, should be made the chief commander.

The frontiersmen gave their sanction to the measure, and of course the ranks were soon filled. The Mingo Bottoms, situated two or three miles below the present city of Steubenville, had been named as the place of rendezvous, and there the volunteers, to the number of four hundred and eighty men, met May 24, 1782—Washington county, Pennsylvania, having furnished three hundred and twenty; Westmoreland county, Pennsylvania, one hundred and thirty; Ohio county, Virginia, twenty; and localities not named the remainder. An election was held here for chief commander of the expedition, Col. William Crawford, of Westmoreland county, and Col. David Williamson, of Washington county—he who had command of the expedition to the Tuscarawas two months before—being the candidates. The vote stood two hundred and thirty-five for Col. Crawford and two hundred and thirty for Col. Williamson. Col. Crawford having been, by a small majority, placed at the head of the expedition, his competitor, Col. Williamson, was immediately chosen, by a unanimous vote, the senior major, or second officer in rank. The other majors were Thomas Gaddis, John McClelland, and Major Brinton. Daniel Leet was elected brigade major, Dr. John Knight was appointed surgeon, and John Slover and Jonathan Zane accompanied the expedition in the capacity of pilots. In Butterfield's admirable history of "Crawford's Sandusky Campaign," McGeehan, Hoagland, Beeson, Munn, Ross, Ogle, John Biggs, Craig, Ritchie, John Miller, Joseph Bean, and Andrew Hood are named as the captains in the expedition.

Gen. Irvine, heretofore named as the Commander of the Western Department of the Army, issued sealed orders from his headquarters at Fort Pitt to the "*Commander-in-Chief of the expedition against the Indian town at or near Sandusky,*" previous to his election (not knowing whether it would be Crawford or Williamson), in which he specifically set forth the object of his command to be "to destroy with fire and sword (if practicable) the Indian town and settlement at Sandusky, by which, it was hoped, to give ease and safety to the inhabitants of this country; but if that should be found impracticable, to perform such other services in his power as

would, in their consequences, have a tendency to answer that great end." It was also directed to "settle all questions of rank before leaving their rendezvous; and to regulate their last day's march so as to reach said town about dawn or a little before, in order to effect a surprise." Gen. Irvine spoke of the expedition as being composed of "disinterested and virtuous men, who had the protection of this country in view, and upon whom he enjoined it specially to act in such a manner as to reflect honor on and add reputation to the American arms." The orders concluded "with the sincere wishes of the Department Commander for their success."

Thus, it will be seen, that the Crawford expedition *was not*, as many have thought, an unauthorized, illegal, ill-considered or murderous raid—"a sudden and wild maraud"—an organization put on foot by lawless men for the destruction of the remnant of the Moravian Indians that had been, during the previous year, forcibly removed from their villages on the Tuscarawas to the "Sandusky Plains." The massacre of innocent, inoffensive, Christian Indians *was not* the purpose of the expedition commanded by Col. Crawford to the Sandusky country in 1782. It *was* to chastise hostile Indian tribes who had been and still were the deadly enemies of the settlers on the Western borders—enemies of our civilization—enemies of our common country—enemies of the white race!

The Moravian writers, Loskiel, Heckewelder, Schweinitz, and others, also Rev. Dr. Joseph Doddridge, Hildreth, and those who maintained that the "disinterested, virtuous men" who composed Col. Crawford's army were "a gang of banditti and murderers," and that their purpose was "to destroy the remainder of the Moravian Indians," were undoubtedly mistaken. Mr. Butterfield says that "in all examinations of the correspondence of those projecting the expedition against Sandusky, and of those who took part in it, as well as of papers and documents of that period relating thereto, and of contemporaneous publications, he had not met with a single statement or word calculated to awaken a suspicion even of intended harm to the Christian Indians upon the Sandusky. Whenever the objective point of the expedition is mentioned it is invariably given as Sandusky, or the Wyandot town or towns."

Early on the morning of Saturday, the 25th of May, 1782, the army of Col. Crawford began its march from Mingo Bottom, on the Ohio, for Sandusky, distant about one hundred and fifty miles. The purpose was to make a rapid march, avoiding, as far as practicable, the Indian trails, so as to reach Sandusky without the knowledge of the Indians, and thus surprise them. The wily nature of the savage, says Butterfield, was too well known to give assurance of security because no enemy was visible;

hence Col. Crawford "took every precaution to guard agaist ambuscades and surprises." "Unceasing vigilance was the watchward."

On the fourth day the army reached the Tuscarawas River at a point a short distance below the present town of New Philadelphia, the county seat of Tuscarawas county. Soon after leaving the river they espied two Indians upon whom they fired unsuccessfully. These escaping Indians doubtless gave notice to the hostile tribes on the Sandusky of the advancing army of Col. Crawford. The fact of discovery while yet so remote from the objective point, rendered the necessity greater for a rapid march. The line of march led them across the Killbuck, above the present town of Millersburg, county seat of Holmes county, leaving Wooster, the present county seat of Wayne county, about ten miles to the north, and Mansfield, now county seat of Richland county, a few miles south, and encamped on the first day of June at a spring where is now the village of Spring Mills, on the line of the Pittsburgh, Ft. Wayne and Chicago Railroad, about eight miles east of the present town of Crestline, in Crawford county. On the next day (June 2d) the expedition arrived at the Sandusky River, near the present village of Leesville, having marched about eighty-five miles during the last five days. The Sandusky Plains were reached on the third day of June, and the mouth of the Little Sandusky on the fourth. Later, on the same day, the army arrived at the Wyandot town and found it uninhabited—deserted—a solitude! It was situated three miles in a south-easterly direction from the present town of Upper Sandusky, the county seat of Wyandot county.

Slover, one of the pilots of the expedition, had been a prisoner among the Indians, and was familiar with the localities hereabouts. He had often been at Wyandot, which was, or rather had been, one of the principal villages of the Wyandot Indians. Butterfield observes that "just where the village stood was still to be seen, in 1872, an old Indian orchard." Most of the Moravian Indians of the Tuscarawas had spent the previous winter near the Wyandot village in some temporary huts, which had taken the name of "Captive's Town," where they had endured terrible sufferings from cold and hunger, but had been dispersed by order of Capt. Pipe, in May, a month before the arrival of Crawford's army, and were finally collected together during the summer and autumn at New Gnadenhutten, on the Huron River, in Michigan, about thirty miles north of Detroit, in accordance with an invitation from the commandant of Detroit. That the Wyandot village was the objective point of the expedition is manifest from the fact that they marched directly to it, and *did not* take the deserted huts of the Moravian Indians at "Captive's Town" in their line of march at all.

Slover communicated his opinion to Col. Crawford, that the Indians of the deserted Wyandot village, on hearing of his approach, had probably gone to one of their towns, situated eight miles down the river. It was thereupon determined to move forward in search of them. A march of three miles brought them, says Butterfield, to the point where Upper Sandusky is now situated. After a further march of a mile a council of war was held, to consider the question of the probability of the concentration of the hostile Indians in force in that vicinity. Crawford and Zane were of the opinion that there were indications that the Indians were bent on determined resistance, and were then probably collecting their warriors for that purpose. The council, however, decided to continue the march until the evening, and await further developments. A small force was detached for reconnoitering, which moved in advance of the main body. They had gone but about two miles when they discovered the enemy in full force rapidly moving towards them. Immediately, one of the scouts was sent to Col. Crawford to communicate the fact of the presence of the enemy. On reaching the main army the council had just adjourned, and the troops were at once put in marching and fighting order. After a march of about a mile the enemy were found moving towards a grove, evidently meaning battle. Col. Crawford ordered his men to dismount and move with rapid firing upon the Indians, who were presently dislodged from their position in the grove. Soon, the Delawares, with whom the battle was opened, were reinforced by the Wyandots, all being under the command of Captain Matthew Elliott, an Irishman in the service of the British Government. Very soon, the action which commenced at 4 o'clock P.M., became general, "close and hot." Simon Girty, the infamous renegade, was in the fight and acted a conspicuous part. The Indians were measurably protected by the tall prairie grass, and the frontiersmen were also afforded some protection, too, by the grove, of which they, by hard fighting, had obtained possession. Thus the battle continued, with varying success, until evening, when, at dusk, the Indians retired farther into the prairie or "plains," and the firing ceased, says Butterfield, as daylight disappeared. "The result was, that five Americans were killed, and nineteen wounded. The loss of the Indians was never known, but it was, doubtless, greater than was sustained by Crawford's command.

"Both parties lay on their arms during the night," Crawford retaining his position. The battle of Sandusky was fought in and around the grove, since and still well known as "Battle Island," in what is now Crane township, Wyandot county, Ohio.

At six o'clock on the morning of the 5th of June the firing was renewed

(I again quote Butterfield), but in a desultory manner, and at long shot only, and so continued all day with small damage, the relative position of the belligerents remaining unchanged.

The enemy was re-enforced during the day by a body of white troops known as "Butler's Rangers," also, by about 200 Shawanese Indians. "Other re-enforcements," says another historian, "also kept pouring in hourly, from all quarters, so that the Americans were greatly out-numbered." A council of war was thereupon called, which unanimously decided upon a retreat that night. The retrograde movement was to commence at 9 o'clock. Just as arrangements were completed and the time had arrived for the retreat to begin, the enemy discovered the intentions of the Americans, "and opened a hot fire." "Matters being precipitated, alarm seized a number of the men. Confusion followed as some in the front line 'hurried off,' followed by many in the rear." The advance, under command of Major McClelland, was attacked by the Delawares and Shawanese, and suffered severely, he being fatally wounded. The rear division was also attacked and suffered loss. The retreat was continued all night, the enemy pursuing in considerable force, with more or less vigor and efficiency. The advance of Crawford's army arrived at the Wyandot Indian town about day-break, where, after a while, a remnant of about three hundred of the entire force was collected.

Here it was early ascertained that Col. Crawford was missing. None knew whether he was captured, killed, or was making his escape on some route other than that taken by the main body of his army. Dr. Knight, one of the surgeons, and John Slover, one of the pilots, were also among the missing. The enemy kept up a vigorous pursuit, and the retreat was what might be appropriately called a *rout*. The disorderly, tumultuous, flying volunteers were now under the command of Col. Williamson, who is said to have conducted the retreat as skillfully and successfully as could have been reasonably expected. When well along on the "plains" a large body of the enemy, consisting of mounted Indians and the British light cavalry came in sight of the retreating army, and "hung on their rear, and began to press them." Coming hard upon them they commenced a flank movement right and left, evidently, writes Rose, "to retard their march until they could possess themselves of some advantageous position in their front, and so cut off their retreat, or oblige them to fight at a disadvantage." And thus they were compelled to make a stand and give battle. This was at two o'clock P. M., June 6, near the eastern edge of the "plains," not far from a small branch of the Olentangy Creek, a tributary of the Scioto, in what is now Whetstone township, Crawford County." The enemy attacked, says Dunlevy, "on

the front, left flank, and rear, but in an hour gave way on all sides." Three Americans were killed and eight wounded, while the loss of the enemy was much greater.

The retreat then continued in a chilly, drenching rain, the enemy still pursuing and occasionally firing a shot at a respectable distance in the rear. At night the two armies were encamped within a mile of each other. "At daybreak the retreat was renewed," says Dunlevy. Scarcely had the Americans formed their lines when the enemy appeared in the rear and opened fire. Here they captured two of the Americans, and it is supposed tomahawked them. But the main body was not pursued further, the last hostile shot having been fired near the present town of Crestline, on the eastern borders of Crawford county. On their further retreat they had frequent accessions of stragglers who had been detached by some means from the main body early in the retreat. The homeward march, writes Butterfield, was along the trail of the army when outward bound, as far as the Tuscarawas, which they crossed June 10th, between the former Moravian villages of Shönbrunn and Gnadenhütten. From this point to the Ohio River "Williamson's Trail" was followed, the troops reaching "Mingo Bottom" on the 13th, where, to their great joy, they found several of their missing comrades, who had arrived before them. But the heroic Crawford was not among them; and about one hundred of the four hundred and eighty men that started with the expedition never returned. Among the unreturned heroes were the brave and patriotic William Harrison, son-in-law, and William Crawford, the gallant nephew of Col. Crawford. The noble Harrison suffered death at the stake.

In the midst of the confusion growing out of the necessarily hurried manner of beginning the retreat Col. Crawford became detached from the main body. It is said also that his son, nephew, and son-in-law, not being found with the main body when the retreat was commenced, Col. Crawford lingered some time looking after them. His horse too having nearly given out, the Colonel and Dr. Knight were unable to overtake the main body, and therefore selected another route of retreat, in which they were joined by Captain Biggs, Lieutenant Astley, and several others. They fell into an ambuscade of Delawares about twenty-eight miles east of the battle-field, and were made captives.

John Slover, the guide, was captured by a band of Shawanese within twenty miles of the Tuscarawas River, at a point now within the limits of Wayne county. He was taken back to the Sandusky Plains, and from thence to the Shawanese towns near Mad River, now in Logan county, where he was beaten and made to "run the gauntlet." Finally he

was taken to Wapatomica, a small Indian town situated near the present village of Zanesfield, in Logan county, where a council condemned him to die at the stake. They took him to Mac-a-Chack (at or near the present village of West Liberty, in Logan county), where he was bound to a post and a fire kindled around him. When the fire began to blaze a shower came on and extinguished it. The savages then postponed the burning until the next day. During the night, though bound with cords and guarded, he escaped, and finally reached the settlements, having crossed the Ohio at Wheeling, July 11, 1782.

Dr. Knight was also taken to the Shawanese towns, and treated very much as Slover was. He escaped, after having been painted black, which meant that he was to be burnt. This was done at some point within the present limits of Hardin county. He arrived at "Fort Pitt" July 4, 1782. Dr. Knight in 1784 married Col. Crawford's half sister, and died in Shelbyville, Kentucky, March 12, 1838.

It does not accord with my feelings to give, at much length, the horrible details of Col. Crawford's sufferings after his capture. He was taken from place to place and finally came to his death, after indescribable tortures, at the stake. He was stripped naked and beat with sticks, his hands were bound behind his back, and he was then fastened to the stake with a rope long enough to enable him to walk once or twice around and return in the same way. The Indian warriors shot powder into his naked body from his feet to his neck. Dr. Knight, who was present, gave it as his opinion that at least seventy shots were thus fired upon him. They then cut off his ears. The savages also took up burning pieces of wood and applied them to his naked body, already burnt black with powder, so that whichever way he turned he was met with blazing faggots. The squaws threw burning coals of fire upon him, so that soon he had nothing but coals of fire and hot ashes to walk upon. After enduring this, more than satanic barbarity for hours, he was scalped, and a fiendish squaw, after that, threw a quantity of coals and ashes upon his back while he was prostrated upon the coals and ashes yet alive, and also upon his scalped head. The torture was commenced at about four o'clock on Tuesday, June 11, 1782, and continued until the going down of the sun. Three hours were those of untold misery and pain, of unutterable anguish, of inexpressible agony, of indescribable wretchedness and suffering.

The Delawares were the guilty authors of this terrible barbarity. Captains Pipe and Wingenund were their two war-chiefs, who directed, sanctioned, and superintended this horrible barbarity, and who could have prevented the perpetration of this act of unparalleled cruelty.

This atrocious act of inhumanity—of brutality—this hitherto unheard of savagery, was perpetrated in what is now Crawford township, Wyandot county, on the south-east bank of Tymochtee Creek, about five miles from its mouth, a short distance north-east from the present town of Crawfordsville, and not much farther from Carey, and distant about seven miles north-west from Upper Sandusky, county seat of Wyandot county.

Col. William Crawford was born in Orange county, Virginia, in 1732. His birth-place, by reason of the change of state and county lines, is now in Berkly county, West Virginia. He was of Scotch-Irish origin. In 1749, when not much more than seventeen years of age, William Crawford made the acquaintance of George Washington, who was of the same age with himself, and was at that time in the service of Lord Fairfax, as surveyor. The locality of Crawford's residence was in the Fairfax grant, in which Washington was surveying, being in what was called the "Northern Neck of Virginia," or the lower or northern portion of the Shenandoah Valley. Their acquaintance soon ripened into warm friendship, which was never impaired or broken, or suffered the slightest interruption while life lasted. Crawford spent his whole life on the frontiers. "He was cradled among rude scenes," says Butterfield, to whom I am indebted for many of the facts here presented. "His education was limited; his knowledge was more of men than of books." He was generous in disposition, and possessed the most undaunted courage. He acquired a knowledge of surveying from George Washington, and made it his business pursuit, in part, until 1755, when he joined the army of General Braddock, having been commissioned as an ensign. For gallantry on the battle-field he was promoted to a lieutenancy. Until 1758 he was employed in garrison duty or as a scout on the frontiers. He entered the military service in 1758, under Washington, then a colonel, who at once procured a captain's commission for him. Captain Crawford soon recruited a full company of young men in his neighborhood, and joined Col. Washington's command for service under Gen. Forbes in the campaign against Fort Du Quesne, in the conquest of which he participated. For three years afterwards he remained in the service of the colony of Virginia.

Captain Crawford removed, in 1767, to "Stewart's Crossings," afterwards called New Haven, which was a village across the Youghiogheny River from the present town of Connellsville, in Fayette county, Pennsylvania, where all around was then, to a great extent, a "waste howling wilderness." Here he kept up his correspondence with his old friend Washington, and to the close of his life served him as his land agent.

In 1770, Washington and Crawford, with other gentlemen, voyaged together down the Ohio River from Fort Pitt to the mouth of the Kanawha, and up said river, exploring with a view to the ultimate location and purchase of lands.

In 1772, Captain Crawford was appointed an acting justice of the peace, and as such he became the presiding justice of the courts. In 1774, he received a captain's commission from the Governor of Virginia for service against the hostile Indians, and at once raised a company which was attached to the right wing of Dunmore's army. While the main body of the army was at Camp Charlotte, Captain Crawford commanded a detached force for the destruction of some Mingo towns up the Scioto, which was accomplished, the captives being removed to the fort at Pittsburgh.

In 1775, Colonel Crawford entered the revolutionary army as lieutenant-colonel of the Fifth Virginia Regiment. He was soon commissioned colonel, and served in the battle on Long Island, was in the retreat through New Jersey, crossed the Delaware River with General Washington on Christmas day, 1776, and took a part in the battle of Princeton, January 3, 1777. Next year he took command of the Continental troops and militia at Pittsburgh. He also, during a portion of the year 1778, commanded a Virginia regiment in service in the western military department under General McIntosh.

Colonel Crawford was cool, brave, patriotic, and fitted by nature to be a commander. He was a "man of mark," a leader, a man of courage and judgment, who rendered essential services to his country, especially to the west. He was greatly esteemed as a soldier, as a civil officer, and as a citizen; and, as already remarked, his cruel death excited the sympathies of the entire country, and General Washington was deeply moved by the awful death of the friend of his early years. His language shows the intensity of his feelings. He wrote: "It is with the greatest sorrow and concern that I have learned the melancholy tidings of Col. Crawford's death. He was known to me as an officer of much care and prudence; brave, experienced, and active. The manner of his death was shocking to me." And no marvel! We can not fully estimate, and have not language adequately to express, the sum total of the agony and suffering endured by the noble Crawford; and when the terrible story of his torture was told in the border settlements among his kindred and friends who knew him well and esteemed him so highly, and when the frontiersmen came to realize that the brave soldier's life was tortured out of him by the slow-burning fires kindled by the fiendish savages, and that the agony-rent soul of that pure patriot-hero left his fire-crisped, charred,

blistered body amidst the blazing flames of the stake, there was experienced such heart-rending anguish of soul as can not be expressed in words. A gloom was spread in every countenance. Sympathy and commiseration went out from every heart. All keenly felt the tortures inflicted upon the heroic patriot-soldier. Every one sorely lamented, with the Father of his Country, the melancholy, sad, sorrowful ending of the noble life of the brave companion in arms and friend of Washington. All hearts were moved by the tenderest sympathy when the announcement was made that there was such a sorrowful termination to the valuable life of the BRAVE PIONEER OF THE YOUGHIOGHENY!

OHIO TERRITORIAL LAWS

FOR THE

PUNISHMENT OF CRIME.

By CHARLES B. FLOOD.

THE TERRITORIAL LAWS, AND HOW CRIME WAS PUNISHED IN "YE OLDEN TIME."

A better class of men than the great mass of the first settlers of Ohio no other State can boast. They were, it is true, adventurers, but were so in the best sense of the term. The leaders of the band that emigrated from New England in 1784 were educated. Many of them had served in the army of the Revolution as officers, and with their followers sought the wild region known as the territory northwest of the River Ohio as a way of bettering their fortunes, and of securing homes for their little families from the wreck of means lost in the great revolutionary struggle. Others there were, bold and adventurous spirits, selected as men who could aid in reclaiming the wilderness, to battle against the savages, and render the best kind of material aid in building up a State in the wilderness.

In the States since formed, the pioneers were less of the educated and more of the wild and adventurous—men fonder of the chase and less of the woodman's axe, than those that formed the first settlers of Ohio.

TERRITORIAL FORM OF GOVERNMENT.

The form of government adopted by the last Congress under the old "Articles of Confederation," and which was among the last "resolves" under the Confederation before the adoption of the present Constitution of the United States, as a plan of government for the territory northwest of the River Ohio, was not such a government as any Congress in this, the autumn time of the nineteenth century, would have adopted for the government of a Territory soon to become a State.

The Ordinance of 1787, so widely and favorably known in past political discussions, because it provided that "neither slavery nor involuntary servitude, otherwise than in the punishment of crime, whereof the party shall have been duly convicted," shall exist in the Territory, adopted two forms of government. The first vested the executive, legislative, and judicial powers of the Territory in the Governor and Judges of the Territory, appointed by the President of the United States. When the Territory contained a population of five thousand free white males of lawful age, then the people had a right to demand the second form of

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The Ordinance of 1787, so widely and favorably known in the [illegible] discussions, because it provided that neither slavery nor involuntary servitude, otherwise than in the punishment of crimes whereof the party shall have been duly convicted, shall exist in the Territory, created two forms of government. The first vested the executive and judicial powers of the Territory in the Governor and [illegible] Territory, appointed by the President of the United States. The Territory contained a population of five thousand free white males of lawful age, then the people had a right to demand [illegible]

territorial government secured them by the ordinance, and to receive in name, if not in fact, the right of self government, so far as the law-making power was concerned. Each voter had to be possessed of a freehold of fifty acres of land; each person elected a member of the Legislature to have a property qualification of two hundred acres, and to be for three years a citizen of the Territory.

Such being the law under which the Territory was governed, the stern, Puritanic spirit of its leading citizens pervading the Territory, and free government being then in its infancy, it is still almost incredible that the laws enacted by the Governors and Judges, and subsequently by the Legislative Council, and even the statutes enacted into laws during the earlier sessions of the State Legislature, after Ohio became a State, were many of them of a character that would produce the political death of any man, of any party, that would dare advocate their revival at the present day.

Reverting again to the fact, for fact it is, stated in this sketch of the laws of Ohio, in "ye olden time," that the early settlers of the Territory were of the best class of emigrants, who could believe, if the evidence was not presented to them in a form that could not be disputed, that by law each and every court house in Ohio was required to have its yard decorated with

A WHIPPING POST,

A pillory, and with stocks, and each and all of the "cruel and unusual punishment" for which these court-house yard ornaments were to be used, was inflicted by sentence of law on persons adjudged guilty of crimes now lightly punished.

THE FIRST LAW FOR WHIPPING,

As a penalty for crime, was made by Governor St. Clair and Judges Parsons and Varnum, at Marietta, September 6, 1787, entitled "A law respecting crimes and punishments." Section 11 of the law provides that when three or more persons, constituting a mob, commits unlawful acts, and failing to disperse when ordered so to do, each offender, upon conviction, "shall be fined in a sum not exceeding three hundred dollars, and be *whipped not exceeding thirty nine stripes*, and find security for good behavior for a term not exceeding one year." For a second offense the whipping was to be repeated, as well as the fine and security, and the offender committed to jail until the sentence be fully performed.

For breaking into a house, store, shop, or vessel in the night season, with the intention of stealing, the penalty was thirty-nine stripes, and security for good behavior; in default of security, imprisonment not

exceeding three years. If articles be stolen by said burglars, a fine treble in amount of their value was to be inflicted, one-third of the amount to go to the Territory, the remaining two-thirds to the party injured. If, in the perpetration of the crime, the burglars "shall commit or attempt to commit any personal abuse, force, or violence, or shall be so armed with any dangerous weapon or weapons, as clearly to indicate a violent intention, he, she, or they so offending, upon conviction thereof, shall moreover forfeit all his, her, or their estate, real and personal, to the Territory, out of which the party injured shall be recompensed as aforesaid, and the offenders shall also be committed to any jail in the Territory for a term not exceeding *forty years*.

SETTING IN THE PILLORY AFTER WHIPPING.

For perjury, or refusing to be sworn to a fact, or denying it, knowing it to be true, the penalty was a fine of sixty dollars, "or be whipped not exceeding thirty-nine stripes, and shall moreover be set in the pillory for a space of time not exceeding two hours."

For forgery, besides being compelled to pay double the amount he sought to defraud, one-half to the party injured, he was to be set in the pillory for the space of not exceeding three hours.

For arson, or aiding in the commission of the crime, the penalty was whipping to the extent of "thirty-nine stripes, put in the pillory, and there be continued not exceeding the space of two hours, confined in the jail not exceeding the space of three years, and forfeit all his, her, or their estate, real or personal, to the Territory, out of which real estate, if sufficient, shall be paid to the party injured his full damage. And in case death should ensue from such burning, the offender or offenders, on conviction, shall suffer the pains of death."

TO MAKE CHILDREN AND SERVANTS DUTIFUL.

A child or servant, by section 19, refusing to obey lawful commands of the parent or master, on complaint to a justice of the peace, the offending party, on conviction, could be sent to the jail or house of correction, therein to remain until he, she, or they shall humble themselves to the said parent's or master's satisfaction. "And if any child or servant, contrary to his bounden duty (for so reads the law) presume to assault or strike his parent or master, upon complaint and conviction before two justices of the peace, the offender shall be whipped not exceeding ten stripes.

For forgery, counterfeiting valuable papers or defacing them, the penalty was the pillory for not exceeding three hours, and a deprivation of civil rights."

SELLING TO SLAVERY NOT EXCEEDING SEVEN YEARS.

For larceny, for the first offense, the restitution of two-fold value of the things stolen, or if they be not recovered, "whipped not exceeding thirty-nine lashes." In case the offender hath not property, real or personal, wherewith to satisfy the sentence of the court, it shall be lawful for the sheriff, by direction of the court, to *bind such person to labor* for a term not exceeding seven years, to any suitable person who will discharge such sentence.

DRUNKARDS IN THE STOCKS.

A person convicted of drunkenness shall be fined five dimes for the first offense, and one dollar for each additional drunk. Failing or neglecting to pay the fine and cost, section 20 of the law says he shall be "set in the stocks for the space of one hour."

This section ends the penalties of the first law of Ohio for the punishment of crimes. Two additional sections, 21 and 22, following close upon the heels of the whipping-post, the stocks, the pillory, and the selling of men into seven years' slavery, to pay fines, etc., is a sort of a sermon in a whereas, strangely enough winding up the outrageous and inhuman criminal code of Governor St. Clair and Judges Varnum and Parsons.

The sections are given entire, as they stand on the statutes, and are as follows:

"SEC. 21. Whereas, idle, vain, and obscene conversation, profane cursing and swearing, and more especially the irreverently mentioning, calling upon, or invoking the sacred and Supreme Being by any of the divine characters in which he hath graciously condescended to reveal his infinitely beneficent purposes to mankind, are repugnant to every moral sentiment, subversive of every civil obligation, inconsistent with the ornaments of polished life, and abhorrent to the principles of the most benevolent religion. It is expected, therefore, if crimes of this kind should exist, they will not find encouragement, countenance, or approbation in this Territory. It is strictly enjoined upon all officers and ministers of justice, upon parents, and others, heads of families, and upon others of every description, that they abstain from practices so vile and irrational, and that by example and precept, to the utmost of their power, they prevent the necessity of adopting and publishing laws with penalties on this head; and it is hereby declared that Government will consider as unworthy of its confidence all those who may obstinately violate these injunctions.

"22. Whereas, mankind, in every stage of informed society, have consecrated certain portions of time to the particular cultivation of the social virtues, and the public adoration and worship of the common Parent of the universe; and,

"Whereas, a practice so rational in itself, and conformable to the divine precepts, is greatly conducive to civilization, as well as morality and piety; and,

"Whereas, for the advancement of such important and interesting purposes most of the Christian world have set apart the first day of the week as a day of rest from common labor and pursuits, it is therefore enjoined that all service labor, works of necessity and charity only excepted, be wholly abstained from on said day."

IN THE STOCKS FOR TEARING DOWN HAND BILLS.

On the 22d of June, 1791, the Governor and Judges, then and after using Cincinnati as the capital of the Territory, enacted a law punishing the malicious tearing down or destroying, in whole or in part, any copy or transcript of a law of the Territory or of the United States, or any official proclamation of the Governor or President, with fine, which, if not paid, would send the offender to the stocks for three hours

A second section makes it criminal to tear down or deface any publication of the bans of matrimony, or estray notices, etc., with three hours in the stocks, pay costs, or committed to prison until the same are paid.

WHIPPING-POSTS AND STOCKS IN EVERY COURT-HOUSE YARD.

After thus providing for the punishment of crime by placing the offender in the stocks, or tying him up to the whipping-post and lashing his bare back with a raw hide, it probably occurred to the Governor and judges, as the law-makers of the Territory, that the laws thus far enacted had made no sufficient provision to carry the whipping and stocks punishment into immediate effect, and hence, on the 21st of August 1792, a law was passed, the title of which is as follows:

"An act directing the building and establishing of a court-house, county jail, pillory, whipping post, and stocks in every county."

The body of the law makes provision for the erection of the buildings named, with the ornaments of "pillory, whipping-posts, and so many stocks as may be convenient for the punishment of offenses," etc.

Having thus made suitable provision for the due punishment of crime, the same day the above law was passed another law was enacted, entitled "An act for the better regulation of prisons," the first section of which provides that in a civil or *quitam* action, through the insufficiency of the prison, or the negligence of the sheriff or jailer, the prisoner escapes, the sheriff is made liable for the debt. If the escape was consequent on the weakness or insufficiency of the jail, the court of common pleas had power to assess the damages to the plaintiff on the county, in the full sum for which the escaped prisoner was incarcerated, which amount had to be raised by taxation, to be paid to the sheriff to indemnify him."

In commenting on the above, Judge Burnet, in the case of the Commissioner of Brown county vs. Butt (2d O. R. 358), says: "The frauds that were practiced on the counties, under this law, by collusion between plaintiffs and defendants, when no debts were really due, and when defendants were utterly insolvent, became so apparent and oppressive that the first Territorial Legislature, in 1799, repealed the section."

ASSISTING PRISONERS TO ESCAPE, LIABLE FOR THEIR DEBTS AND CRIMES.

Section four of the law punished any person conveying to a prisoner, without the knowledge or privy of the jailer, any instrument, tool, or other thing whereby he might break out, by a fine not exceeding one hundred dollars, or suffer "such corporal punishment, not exceeding *forty stripes*, as the court shall inflict." If it happens that the prisoner made his escape by means of the tool thus furnished, upon conviction, the person thus furnishing the tool "shall be liable to pay all such sums of money as the prisoner stood committed for, and shall also have inflicted upon him or her all such punishment as the escaped prisoner would be liable if a criminal, and had been convicted of the charge for which he or she had been committed, unless such person would be liable to capital punishment, in which case the person assisting in such escape shall be punished by fine, imprisonment, whipping, or *setting on the gallows with a rope about his or her neck*, or any one or more of the said punishments, as the court having cognizance thereof shall think proper to inflict."

IMPRISONMENT AND SLAVERY FOR DEBT.

A law, adopted from the statutes of Pennsylvania, by the Governor and judges, published as an Ohio law August 15, 1795, "to take effect immediately," is of interest, as showing how our law-makers, in defiance of the organic law which declared that "there shall be neither slavery nor involuntary servitude in the said Territory, otherwise than in punishment of crimes whereof the party shall have been duly convicted," instituted a slavery for debt, similar in many respects to the peonage of some of the South American States. The act is named in its title as "A law limiting imprisonment for debt, and subjecting certain debtors and delinquents to servitude. It provides that "no person shall be kept in prison for debt or fines longer than the second day of the session next after his commitment, unless the plaintiff shall make it appear that the person imprisoned hath some estate that he will not disclose, then the court shall examine all persons suspected to be privy to the concealment of such estate, and if no sufficient estate be found, the debtor shall make satisfaction by *personal and reasonable servitude*, according to the judgment of the court where such action is tried (but only if the plaintiff require it), not exceeding seven years; where such debtor is unmarried and under the age of forty years, unless it may be the request of the debtor who may be above that age; but if the debtor be married, and under the age of thirty-six, the servitude shall be five years only, and with which the married man, upwards of thirty-six, shall be privileged, if it be his

request. If the plaintiff refuse to receive the debtor as his slave, for the term named, it discharges the debt."

In the county of Highland, before the whipping-post was erected or the jail built, a tree, to which the offender was tied, was used as a whipping-post, and a dry well, the top covered with rails, the ends secured by logs, to prevent escape, was used as the debtor's jail.

A law selling men to servitude for fines and costs, for maiming and disfiguring a person, was adopted from the criminal code of Kentucky, and published as an Ohio law May 1, 1798. For the crime, on conviction, the offender was fined not less than fifty dollars nor more than one thousand dollars, one-fourth to be paid to the Territorial treasury, the other three-fourths to the use of the party injured, "and for want of the means of payment *the offender shall be sold to service*, by the court before which he was convicted, for any term not exceeding five years, the purchaser finding him good and sufficient raiment during the term."

This law, among the last acts of the Governor and judges as lawmakers, was soon after its adoption held to be unconstitutional. The Governor and judges had the right to adopt the laws of any State in existence at the time of the passage of the ordinance of 1787. Kentucky being admitted after that date, according to the late Chief Justice Chase, this law, adopted from her code, was never constitutionally in force.

THE SECOND GRADE OF TERRITORIAL GOVERNMENT.

In 1799 the Territory was found to contain the needed five thousand free white male inhabitants, and henceforth the laws were enacted by the Territorial Legislature, elected in the lower branch by those having the qualification of voters, the members to serve for two years. The Legislative Council (the upper branch or Senate) to consist of five members, to continue in office five years, unless sooner removed by Congress, any three of whom to be a quorum, and the members of the council shall be nominated and appointed in the following manner, to wit: As soon as representatives shall be elected the Governor shall appoint a time and place for them to meet together, and, when met, they shall nominate ten persons, residents in the district, and each possessed of a freehold in five hundred acres of land, and return their names to Congress, five of whom Congress shall appoint and commission to serve as aforesaid. In case of a vacancy in the Council the House of Representatives were to select two names, from which Congress selected one to fill the vacancy.

THE FIRST TERRITORIAL LEGISLATURE

Met at Cincinnati on the 16th of September, 1799, and adjourned on the 19th of December following. That the laws for the punishment of crimes, enacted or adopted by the Governor or judges under the first form of the Territorial government, was in accord with public sentiment at that day is evidenced by the fact that the first laws enacted by the Territorial Legislature provided for continuing in force nearly, if not all, the laws for punishing crime by flogging, by placing the culprits in the pillory and stocks; and with these by name was the law for the erection of these implements of torture at all the court-houses in the Territory. The reason set forth in the preamble to the law was that "it hath been reported to the General Assembly by His Excellency, the Governor of the Territory, that on several occasions laws have been enacted by the Governor and judges on their own authority, and that these laws are of doubtful obligation, and that they have been so spoken of from the bench. Therefore, to confirm and enforce these laws, be it enacted, etc.

In addition to the laws thus re-enacted, the punishment of which was flogging, the Territorial Legislature enacted as a penalty for maliciously firing woods, prairies, lands, the punishment of which was a heavy fine, except in the case of servants, when the master or mistress shall refuse or neglect to pay the fine or damages, "then such servant or servants so offending shall be committed to the prison of his, or her, or their proper county until such debt, dues, and demands are paid, or be whipped not exceeding thirty-nine stripes, at the discretion of the court having cognizance thereof."

At the time these laws were made the country had but a short time been emancipated from colonial vassalage to Great Britain. The severe, and, in many cases, cruel and unusual punishments inflicted were mainly drawn from English statutes. This feeling in favor of English precedents for the punishment of offense, no doubt, caused the adoption by the Governor and judges of the Territory of a law, taken from the laws of Virginia, published July 14, 1795, took effect October 1st of the same year, entitled "A law declaring what laws shall be in force," which declares that—

"The common law of England, all statutes or acts of the British Parliament made in aid of the common law, prior to the fourth year of the reign of King James the First (and which are of a general nature, not local to that kingdom), and also the several laws in force in this Territory, shall be the rule of decision, and shall be considered as of full force until repealed by legislative authority, or disapproved of by Congress."

It was much doubted at the time whether the Governor and judges had the power under the ordinance to adopt, in this way, the whole

jurisprudence of a foreign country as law in a new and uncultivated district, and whether the act as adopted was a law of one of the original States in the sense intended by the ordinance. The question was never settled. When the question came before the Court (1st O. R., 243, 312) the judges equally divided.

The fondness of the legal fraternity at that day for English precedents doubtless had its effect in forming the criminal code of the Territory.

When Ohio emerged from a Territory to a State government—the Constitution of 1802 taking the place of the ordinance of 1787—the criminal code was not much improved until time had produced a change in favor of a punishment more certain, but less barbarous than those adopted under Territorial rule.

OHIO.

ITS ADMISSION INTO THE UNION.

BY I. W. ANDREWS,
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WHEN WAS OHIO ADMITTED INTO THE UNION?

Of all the twenty-five States that have been admitted into the Union since the national life began on the fourth of July, 1776, Ohio is the only one in regard to whose date of admission there is any question. When a State has entered the last quarter of its first century it would seem that both the year and the day when its State life began should be definitely known. The doubt in the case of Ohio shows itself by the various dates found in historical and other works from 1803 to the present time. The date in these works is not made the subject of discussion, but is stated in each case as if it had never been called in question.

Among the dates found in different works are these: April 28, April 30, June 30, and November 29, 1802; the winter of 1802–3; February 19, March 1, and March 3, 1803. The *first* is given in "Harris's Tour," published in 1805. The heading for the second part of the book is "State of Ohio. Admitted into the Union by an act of Congress, April 28, 1802." The *second* is found in a note in the United States Statutes at Large, Vol. I., p. 11. The editor gives in the note the dates of the admission of all the new States up to 1845. Of Ohio his language is, "Ohio was established as a State of the Union by act of April 30, 1802." The same date is found in Townsend's Analysis of Civil Government, and in various other works. The *third* date, June 30, appears in the Report of the Ninth Census, Vol. I., p. 575. The language is, "Ohio, by act of June 30, 1802, formed as a State," etc. W. Hickey gives the *fourth* date, November 29, 1802, in his edition of the Constitution. So, also, N. C. Towle, and many others. The *fifth*, February 19, 1803, is given by Caleb Atwater in his History of Ohio, published in 1838. Mr. E. D. Mansfield gives the same in his Political Manual, and so Mr. G. W. Paschal in his Annotated Constitution. The old geography, published in 1803, probably refers to the same date when it says, "Ohio was admitted the winter following the Convention held in the autumn of 1802." In Hildreth's History of the United States we read: "Just as the session closed the new State of Ohio took upon itself the exercise of self-government, under a Constitution framed the preceding autumn." In the margin is given the date, March 1, 1803." This makes the *sixth* date. Walker, in his History of Athens County, says: "Congress assented to the proposed modification, by act of March 3, 1803,

thus completing the compact, and accepting Ohio as a State." We have here the *seventh* date.

For the first and third of the dates above given—April 28 and June 30, 1802—I know of no reason that can be assigned. Both are probably errors of the copyist or the printer. Certainly no act relating to Ohio was passed April 28, and on the 30th of June Congress was not in session, having adjourned on the 3d of May to the first Monday of December.

The second date—April 30, 1802—was that of the passage by Congress of "an act to enable the people of the eastern division of the territory northwest of the river Ohio to form a Constitution and State government, and for the admission of such State into the Union, on an equal footing with the original States, and for other purposes." In the case of no other State has the date of the enabling act been considered as the date of the admission of the State into the Union, and there is no reason why Ohio should be an exception to the general rule. We may then reject April 30, 1802, as the date of the admission of Ohio.

November 29, 1802, was the day on which the Convention that framed the Constitution adjourned. The enabling act of Congress appointed the second Tuesday of October as the day for the election of delegates to the Convention, and the first Monday in November as the day for the Convention to meet. The election was held, and the Convention assembled on the day specified. Having framed a Constitution they adjourned on the 29th of the same month, just four weeks from the day of their organization. The Constitution was not submitted to the people, and the final adjournment of the Convention is held by some to be the time of the State's admission into the Union.

The 19th of February, 1803, is the date of an act of Congress "to provide for the due execution of the laws of the United States within the State of Ohio." It was the first act of Congress which, in any way, *recognized* the State; and, as there was no formal act of admission, this act of recognition is regarded as the virtual act by which the State was admitted.

The first of March, 1803, was the time when the first General Assembly met in accordance with the provisions of the Constitution. Perhaps the historian, Hildreth, did not intend to designate this as the exact date when Ohio was admitted, but to indicate that the machinery of the State government was then put into operation.

The remaining day mentioned, March 3, 1803, was the date of an act of Congress assenting to certain modifications proposed by the Convention, relating to reservations of lands for purposes of schools, etc. Because of this action of Congress, the author of the History of Athens

County, as we have seen, makes March 3, 1803, the day when Ohio became a State. The language of Mr. Chase, in the historical sketch contained in the first volume of his Statutes of Ohio, is somewhat similar to that of Mr. Walker, but is not sufficiently definite to warrant us in saying that he regarded March 3, as the exact date of the admission of Ohio.

It is my purpose to embody in this paper all the facts bearing upon the question of the date of admission, that the intelligent reader may have before him all the data necessary for a correct decision.

Three States had been admitted before Ohio, viz.: Vermont in 1791, Kentucky in 1792, and Tennessee in 1796 The first two were formed from other States, and had never been organized as Territories. Tennessee had existed as a Territory, known as the Territory south of the river Ohio. *For neither of these three was there an enabling act of Congress. In the case of Tennessee the territorial legislature had the census taken, which, showing a sufficient population, a convention was called in January, 1796, a Constitution was framed, and the President was *notified* that the territorial government would cease on the 28th of March. A warm debate ensued in Congress, but the admission was finally granted by an act approved June 1, of that year. The people claimed their right to become a State by the terms of the ordinance of 1787, and the deed of cession.

For Ohio, as already stated, an enabling act was passed April 30, 1802. The people, in accordance with it, elected delegates, the Convention was held, and a Constitution was formed. After the adjournment the Constitution was laid before Congress, as also certain propositions relating to lands within the State. A committee was appointed in each house, to whom the papers were referred. The action in the Senate was as follows:

Resolved, That a committee be appointed to inquire whether any, and, if any, what legislative measure may be necessary for admitting the State of Ohio into the Union, or for extending to that State the laws of the United States; and

Ordered, That Messrs. Breckenridge, Morris, and Anderson, be the committee, and that the letter signed T. Worthington, agent for the State of Ohio, laid before the Senate this morning, together with a copy of the constitution of said State, be referred to the same committee, to consider and report thereon."

This committee was appointed on the 7th of January, 1803, and on the 19th they made the following report:

That the people of the eastern division of the territory north-west of the river Ohio, in pursuance of an act of Congress, passed on the 30th day of April, 1802, entitled, "An

* The ninth census report is in error in saying that this Territory embraced Kentucky as well as Tennessee. The map giving the acquisition and transfer of territory is also incorrect as to Kentucky. (See Report, Vol. I, p. 575). This map has been copied into some recent histories of the United States.

act to enable the people of the eastern division of the territory north-west of the river Ohio to form a constitution and State government, and for the admission of such State into the Union, on an equal footing with the original States, and for other purposes," did, on the 29th day of November, 1802, form for themselves a constitution and State government. That the said constitution and government so formed is Republican, and in conformity to the principles contained in the articles of the ordinance made on the 13th day of July, 1787, for the government of the said Territory; and that it is now necessary to establish a district court within the said State, to carry into complete effect the laws of the United States, within the same."

On the 21st of January the Senate considered the report, and directed the committee to bring in a bill. A bill was reported on the 27th, which was read and ordered to the second reading. The next day it was read the second time. On the 31st the Senate resumed the second reading of the bill, and, an amendment having been offered, "it was agreed that the further consideration of the bill, together with the proposed amendment, should be the order of the day for Thursday, the 3d day of February." On the 4th of February the bill was passed to a third reading, and on the 7th it was read the third time and passed.

The House of Representatives having received the bill from the Senate, it was read twice on the 8th of February, and referred to a committee. On the 12th it was discussed in committee of the whole, reported to the House, then read the third time and passed. It was approved on the 19th.

This being the first act of Congress which recognized the new State, it is regarded as the true date of admission. In the collection of Charters and Constitutions, compiled by order of the United States Senate, and printed in 1877, the Constitution of a State follows the enabling act, and then comes the act of admission. In the case of Ohio, there having been no act of formal admission, the Constitution of 1802 is followed by this act of February 19, 1803, under the heading, *Act recognizing the State of Ohio*, 1803. This act thus takes the place, in the volume of Charters and Constitutions, of a formal act of admission; and a stranger, consulting the work to ascertain the times when the several States came into the Union, would necessarily infer that the date of Ohio was February 19, 1803.

It is unnecessary to follow the action of the House of Representatives as to the bill which became the law approved March 3, 1803. It had reference to the appropriations of land for purposes of education and roads. We might infer that an understanding existed between the two Houses, that the Senate should take the initiative as to the admission of Ohio, and the House of Representatives should introduce a bill as to the modifications proposed by the convention. We may safely exclude the date of that act from our consideration of the question of admission.

The same may be said of March 1, 1803, when the State government went into operation. The first meeting of its Legislature has never been synchronous with the admission of a State. Often the Legislature has been elected, has convened, and elected the two Senators, before Congress has passed the act of admission.

The question of date of admission in the case of Ohio is between November 29, 1802, and February 19, 1803. The first is the day of adjournment of the Convention that formed the Constitution, and the second is the day when was passed the first act of Congress in any way recognizing the State. In the case of every other State, Congress has either passed a distinct and definite act of admission, dating from the day of enactment or from a future day named, or has provided for an admission on the issue of a proclamation by the President. Ohio, then, forms a case by itself, belonging to neither of these classes.

Those who hold that November 29, 1802, is the proper date, lay stress upon the language of the enabling act of April 30, 1802, and upon the words of the preamble to the act of February 19, 1803. Let us examine these two points.

The language of the enabling act is as follows: "Be it enacted, etc., That the inhabitants of the eastern division of the territory north-west of the River Ohio, be, and they are hereby authorized to form for themselves a Constitution and State government, and to assume such name as they shall deem proper, and the said State, when formed, shall be admitted into the Union upon the same footing with the original States in all respects whatever."

Does this imply that the formation of a Constitution and State government is itself an admission without any farther act of Congress? Does it not rather imply that an act of admission, formal or virtual, is yet to be passed by Congress? "The said State, when formed, shall be *admitted*," etc., that is, admitted by Congress according to the provisions of the Constitution of the United States: "New States may be admitted by the Congress into this Union."

But this language is not peculiar to the enabling act for Ohio; it is in substance the language of every enabling act passed by Congress from 1802 to the present time. Those of Indiana and Illinois, formed from the same North-west Territory, contain the identical words, except the names, found in that for Ohio. The act for Indiana was passed April 19, 1816, and its Constitution was formed June 29; but the resolution of admission was passed December 11 of the same year. If Ohio became a State, on the formation of a Constitution, by virtue of the language of the enabling act, why did not Indiana? If Ohio was a State in the

Union from the 29th of November, 1802, was not Indiana a State from the 29th of June, 1816? And was not the resolution of Congress of December 11, 1816, admitting Indiana into the Union, wholly useless?

The enabling acts for all the States since the admission of Ohio have been in their essential features copied from that of 1802. That for Nevada, enacted in 1864, declares that the inhabitants of the Territory "are hereby authorized to form for themselves, out of said Territory, a State government, with the name aforesaid, which said State, when formed, shall be admitted into the Union upon an equal footing with the original States in all respects whatsoever." Later in the same act was a provision for submitting the Constitution to the people, and one for the issue of a proclamation by the President. If by the clause quoted above, the Territory became a State on the formation of a Constitution, the subsequent provisions as to submission to the people and the issue of a proclamation would be inconsistent. But whatever may have been the other provisions of an enabling act, Congress has always affirmed that the State should be admitted on an equal footing with the other States, and yet in every case save that of Ohio there was a subsequent resolution or act of Congress, or a proclamation by the President. We may fairly infer, then, that Ohio did not become an integral member of the Union by the mere formation of a Constitution, as provided for in the enabling act of April 30, 1802.

Let us now examine the language of the preamble to the act of February 19, 1803: "Whereas, the people of the eastern division of the territory north-west of the River Ohio did, on the 29th day of November, 1802, form for themselves a Constitution and State government, and did give to the said State the name of the 'State of Ohio,' in pursuance of an act of Congress entitled 'An act to enable the people of the eastern division of the territory north-west of the River Ohio to form a Constitution and State government, and for the admission of such State into the Union on an equal footing with the original States, and for other purposes,' whereby the said State has become one of the United States of America; in order, therefore, to provide for the due execution of the laws of the United States within the said State of Ohio, be it enacted, etc."

In the case of Indiana—and the same is true for Illinois—the preamble to the resolution for admitting the State, after reciting that the people "did form for themselves a Constitution and State government," adds, "which Constitution and State government so formed is republican, and in conformity with the principles of the articles of compact between the original States and the people and States in the territory north-west of the River Ohio, passed July 13, 1787." The clauses as to the republican

character of the Constitution, and its conformity to the Ordinance of 1787, which in the case of Indiana are in the preamble to the resolution of admission, are found in the case of Ohio in the report of the committee, as already quoted on a previous page of this paper. The same investigation had been made in the two cases, and the same result had been reached. Congress had satisfied itself in each case that the Constitution was republican, and in conformity with the articles of the Ordinance of 1787, before it recognized or admitted the State.

Stress is sometimes laid upon the words of the preamble of the act of February 19, 1803, "whereby the said State has become one of the United States of America." It will be noted that the language differs in tense from that respecting the formation of a Constitution, "Whereas, the people *did form* a Constitution on the 29th day of November, 1802, etc., whereby the said State *has become* one of the United States." Had it been affirmed that the State *did become* one of the United States on the 29th of November, the question before us would have been different from what it is now. The language is that it *has become*—has now become a member of the Union.

The Constitution was formed at a given time; it had been submitted to Congress for examination; that examination had been made, and the Senate committee reported that the several steps had been properly taken. The laws of the United States could not be extended over Ohio till it should be recognized in some form. That recognition was placed in the preamble. It was a virtual declaration that the Constitution was republican and in conformity with the Ordinance, and therefore there was no objection to regarding it as a State. In the case of Indiana the same examination was made, with the same results, but a formal admission was determined upon, instead of a recognition, as in Ohio.

The language of the resolution of the Senate of the 7th of January, when it instructed its committee "to inquire whether any, and if any, what legislative measure may be necessary for admitting the State of Ohio into the Union," would seem to be conclusive against the supposition that the formation of a Constitution made the State a member of the Union. If that action by the Convention was sufficient, under the enabling act of Congress, to introduce the new State into the Union, then the resolution of the Senate of the 7th of January was uncalled for. Whether the steps taken by the people of the territory, with reference to admission, had been properly taken or not, was a question which had not yet been answered. When Congress should be satisfied in regard to that, then the date of admission might be settled. Congress had the power, perhaps, to make its action retroactive, though it has never done

so in the case of a State; or it might put the time of admission on some day in the future, as in the case of Vermont and of Louisiana; or it might make the day of the enactment the day of admission, as is the usual case.

In view of all the facts, we seem to be shut up to the conclusion that the State of Ohio was not admitted into the Union on the 29th day of November, 1802, when the Constitution was formed, but on the 19th *of February*, 1803, when Ohio was first recognized as a State by Congress.

It has already been stated that, in the Charters and Constitutions compiled under an order of the United States Senate, this act of the 19th of February, under the title "*An act recognizing the State of Ohio*, 1803," occupies the same place in the arrangement of the work which is given in other States to the act of admission.

It is proper to state, also, that a few months since I made inquiry at the State department, at Washington, and received the following memorandum:

"Enabling act of Congress for formation of the State of Ohio, was approved April 30, 1802. See Statutes at large, vol. 2, p. 173.

"'An act to provide for the due execution of the laws of the United States within the State of Ohio,' was approved February 19, 1803. By this act Ohio was admitted to the Union. Statutes at large, vol. 2, p. 201." We may infer, then, that the Department of State of the General Government recognizes the *nineteenth* of February, 1803, as the date of the admission of Ohio into the Union.

OFFICIAL

ROSTER OF OHIO,

FOR 1879-80.

[AS REPORTED BY EACH DEPARTMENT.]

INCLUDING THE HEADS OF DEPARTMEMTS AND APPOINTED OFFICERS, JUDGES OF THE COURTS, AND TIMES OF HOLDING COURTS, TRUSTEES AND OFFICERS OF STATE EDUCATIONAL, REFORMATORY, AND BENEVOLENT INSTITUTIONS, MEMBERS OF THE GENERAL ASSEMBLY OF OHIO, APPORTIONMENT OF GENERAL ASSEMBLY, COUNTY OFFICERS, ETC., ETC., ETC.

STATE OFFICERS FOR 1879-80.

ELECTIVE OFFICERS.

Office.	Name.	Residence.	Term expires.
Governor	Richard M. Bishop (*a*)	Cincinnati	Jan. 12, 1880
Lieutenant-Governor	Jabez W. Fitch (*b*)	Cleveland	Jan. 12, 1880
Secretary of State	Milton Barnes	Cambridge	Jan. 10, 1881
Auditor of State	James Williams (*c*)	Columbus	Jan. 12, 1880
Treasurer of State	Anthony Howells (*d*)	Massillon	Jan. 12, 1880
Attorney-General	Isaiah Pillars (*e*)	Lima	Jan. 12, 1880
Commissioner of Common Schools.	J. J. Burns	St Clairsville	Jan. 10, 1881
Board of Public Works	George Paul	Akron	Feb. 8, 1882
	James C. Evans (*f*)	Delaware	Feb. 10, 1880
	Martin Schilder	Chillicothe	Feb. 9, 1881
Judges of the Supreme Court	William White	Springfield	Feb. 9, 1884
	W. J. Gilmore (*g*)	Eaton	Feb. 9, 1880
	George W. McIlvaine.	N. Philadelphia.	Feb. 9, 1881
	W. W. Boynton	Elyria	Feb. 9, 1882
	John W. Okey	Columbus	Feb. 9, 1883
Clerk of Supreme Court	Richard J. Fanning	Columbus	Feb. 6, 1881

OFFICERS BY APPOINTMENT—HEADS OF DEPARTMENTS.

Office.	Name.	Residence.	Term.	
			Years.	Expires.
Commissioner of Railroads and Telegraphs	William Ball, Jr (*h*)	Columbus	2	Jan. 17, 1880
Superintendent of Insurance	Joseph F. Wright	Mt. Healthy.	3	June 3, 1881
Supervisor of Public Printing	William J. Elliott	Cincinnati	2	Apr. 12, 1881
Adjutant-General	Luther M. Meily (*i*)	Lima	2	Jan. 15, 1880
Inspector of Mines	James D Poston (*j*)	Logan	4	Apr. 6, 1882
State Librarian	H. V. Kerr	Batavia	2	Mar. 17, 1881
Law Librarian	James H. Beebe	Columbus	3	Feb. 9, 1880
Supreme Court Commission*	W. W. Johnson	Ironton	3	Feb. 1, 1879
	Josiah Scott	Bucyrus	3	Feb. 1, 1879
	Luther Day	Ravenna	3	Feb. 1, 1879
	D Thew Wright	Cincinnati	3	Feb. 1, 1879
	T. Q. Ashburn	Batavia	3	Feb. 1, 1879
Commission to Revise and Codify the Laws†	M. A. Daugherty	Columbus	.....	
	John S. Brasee	Lancaster	.....	
	Geo. B. Okey	Cincinnati	.....	
Commissioner of Labor Statistics	H. J. Walls	Columbus	2	Jan. 1, 1881
Secretary of State Board of Agriculture (acting)	James W. Flemming	Columbus	1	Jan. 8, 1880

(*a*) Charles Foster, of Fostoria, elected for two years—Jan. 12, 1880, until the second Monday in Jan., 1882.
(*b*) Andrew Hickenlooper, of Cincinnati, elected for two years—January 12, 1880, until the second Monday in January, 1882.
(*c*) John F. Oglevee, of Springfield, elected for four years—January 12, 1880, until the second Monday in January, 1884.
(*d*) Joseph Turney, of Cleveland, elected for two years—January 12, 1880, until the second Monday in January, 1882.
(*e*) George K. Nash, of Columbus, elected for two years—January 12, 1880, until the second Monday January, 1882.
(*f*) James Fullington, of Irwin Station, elected for three years—from February 10, 1880.
(*g*) Wm. W. Johnson, of Ironton, " five " " 9, 1880.
(*h*) James S. Robinson, of Kenton, appointed for two years, from January 17, 1880.
(*i*) William H. Gibson, of Tiffin, " " " 15, 1880.
(*j*) Resigned November 14, David Owens, of Trumbull county, appointed to fill vacancy (subject to confirmation by the Senate.)
* Concluded its labors February 1, 1879. † Concluded its labors November 26, 1879.

HEADS OF DEPARTMENTS AND ROSTERS OF APPOINTED OFFICERS.

OFFICIAL ROSTER OF CIVIL AND MILITARY STAFF OF GOVERNOR RICHARD M. BISHOP—EXECUTIVE DEPARTMENT.

Civil Staff.

Name.	Office.	Residence.	Term of office.	Term expires.
Richard M Bishop..	Governor	Cincinnati ..	Two years ...	Jan. 12, 1880
R. H. Bishop	Private Secretary ..	" ..	" ...	"
Albert Allen	Executive Clerk ...	Columbus ..	" ...	"
Johnson Allen	Messenger	" ..	" ...	"

Military Staff.

Name.	Office.	Residence.	Rank.
Luther M. Meily	Adjutant-General	Lima	Brigadier-Gen.
Chas. L. Young	Quartermaster-General.	Toledo	"
J. Emmitt Burns	Surgeon-General	Cleveland	"
Samuel F. Hunt	Judge Advocate-General	Cincinnati	"
Leander R. Hoagland...	Asst. Adjutant-General	Millersburg	Colonel.
Frederick Geiger	Chief of Engineers	Zanesville	"
Wm. A. Birchard	Aides-de-Camp	Warren	"
J. M. Carson*	"	Anna	"
Richard Nevins, Jr.....	"	Columbus	"
Griffin H Eidson	"	Eaton	"
Evan F. Williams	"	Ironton	"
Louis Schmidt	"	Marietta	"
James M. Williams	"	Coshocton	"
Ralph K. Paige	"	Painesville	"
Thomas R. Roberts	"	Cincinnati	"
M. L. Hall	"	Sidney	"

DEPARTMENT OF STATE.

Name.	Office.	Residence.	Term of office.	Term expires.
Milton Barnes	Secretary of State..	Cambridge ..	2 years.	2d Monday, Jan. 1881.
Alexis Cope	Chief Clerk	St. Claireville	"	"
W. M. Cunningham	Statistician	Newark	"	"
Frank P. Barnes ...	Corporation Clerk..	Barnesville ..	"	"
Chas. H. Ostrander.	Stationery Clerk...	Cleveland ..	"	"
S. G Harbaugh †...	Recording Clerk ...	Columbus ...	"	"
George Welker.....	Sup't book and packing department ..	" ...	"	"
John Logan	Janitor	" ...	.....	

*Vice Lake, resigned. † Vice John W. Rose, resigned.

Auditor of State.

Name.	Office.	Residence.	Term of office.	Term expires.
James Williams	Auditor of State	No. 78 N. Fourth st., Columbus, Ohio	4 years.	Jan. 12, 1880
Henry S. Babbitt	Chief Clerk and Deput	No. 40 N. Fourth street	"	Jan. 12, 1880
W. S. Shepherd	Clerk	No. 39 N. Fourth street	"	Jan. 12, 1880
Jas. A. Williams	"	No. 328 Oak street	"	Jan. 12, 1880
Chas. J. Wetmore	"	393 E. Broad street	"	Jan. 12, 1880
Sam'l Williams	"	161 E. Gay street	"	Jan. 12, 1880
G. M. Robinson	"	60 E. Gay street	"	Jan. 12, 1880
John Williams	Messenger	179 E. Spring street	"	Jan. 12, 1880

Treasurer of State.

Name.	Office.	Residence.	Term of office.	Term expires.
A. Howells	Treasurer of State	Massillon, Stark county, Ohio	2 years.	Jan. 12, 1880
J. D. Selzer	Cashier	Cleveland	"	Jan. 12, 1880
A. J. Howells	Book-keeper	Columbus	"	Jan. 12, 1880
J. B. Estep	"	"	"	Jan. 12, 1880
D. N. Thomas	Messenger	"	"	Jan. 12, 1880
James Lee	Watchman	Massillon, Stark county, Ohio	"	Jan. 12, 1880
Lewis Lemoine	"	Summit county	"	Jan. 12, 1880

Attorney-General.

Name.	Office.	Residence.	Term of office.	Term expires.
Isaiah Pillars	Attorney-General	Lima	2 years.	Jan. 12, 1880
James Pillars	Clerk	"	"	Jan. 12, 1880

Commissioners of Sinking Fund.

Name.	Office.	Residence.	Term expires.
Jas. Williams, Aud. of State, Pres't.			Jan. 12, 1880
Milton Barnes, Sec'y of State, Sec'y	Ex-officio		Jan. 10, 1881
Isaiah Pillars, Attorney-General			Jan. 12, 1880
F. A. Marble	Clerk	Columbus	
John Williams	Messenger	"	

HEADS OF DEPARTMENTS AND ROSTER OF APPOINTED OFFICERS—Contin'd.

Commissioner of Common Schools.

Name.	Office.	Residence.	Term of office.	Term expires.
J. J. Burns	Commissioner	St. Clairsville	3 years.	Jan. 10, 1881.
John H. Brenneman	Chief Clerk	Chillicothe	3 "	Jan. 10, 1881.
James B. Ryan	Second Clerk	St. Clairsville	3 "	Jan. 10, 1881.

Board of Public Works.

Name.	Office.	Residence.	Term of office.	Term expires.
James C. Evans	President	Delaware	3 years.	2d Tuesd'y in Feb., 1880.
Martin Schilder	Member	Chillicothe	3 "	2d Tuesd'y in Feb., 1881.
Geo. Paul	"	Cuyahoga Falls	3 "	2d Tuesd'y in Feb., 1882.
W. J. Jackson	Chief Engineer	Columbus	2 "	May 22, 1880.
W. S. Williams	Resident Engineer	Canton	1 "	Feb. 10, 1880.
A. J. Cryder	Engineer	Chillicothe	1 "	" "
John W. Erwin	"	Hamilton	1 "	" "
A. B. Newburgh	Secretary	Columbus	1 "	Feb. 10, 1880.
F. W. Newburgh	Assistant Secretary	"	1 "	May 22, 1880.
N. Hoagland	Superintendent	Akron	1 "	April 1, 1880.
Thos. West	"	Canal Dover	1 "	" "
Samuel Galloway	"	Newark	1 "	" "
W. E. Mead	"	Columbus	1 "	" "
H. White	"	Logan	1 "	" "
E. W. Sprague	"	Lowell	1 "	" "
R. N. Andrews	"	Hamilton	1 "	" "
Jarvis Landon	"	Piqua	1 "	" "
George Long	"	Toledo	1 "	" "
N. C. West	"	Fremont	1 "	" "

Commissioner of Railroads and Telegraphs.

Name.	Office.	Residence.	Term of office.	Term expires.
Wm. Bell, Jr	R. R. Commissioner	84 East Town St.	2 years.	Jan. 17, 1880.
Sam. C. Bell	Clerk	185 East Long St.	2 "	" "

Superintendent of Insurance.

Name.	Office.	Residence.	Term of office.	Term expires.
Joseph F. Wright	Superintendent	Mt. Healthy	3 years.	June 3, 1881.
Joseph P. Pennington	Actuary	Columbus	3 "	"
John G. Wright	Book-keeper	Mt. Healthy	3 "	"
Carrie Lind	Corresponding Cl'k	Mansfield	3 "	"
C. P. Woods	Mailing Clerk	Columbus	3 "	"

SUPERVISOR OF PUBLIC PRINTING, STATE BINDERY, AND D. AND D. PRINTING OFFICE.

Name.	Office.	Residence.	Term of office.	Term expires.
W. J. Elliott	Supt. Public Printing	Columbus	2 years.	Apr. 12, 1881.
T. P. Spencer	Supt. D. and D Print'g Office	"	2 "	"
M. C. Lilley	Supt. Bindery	"	2 "	"
George Smeltz	Foreman Bindery	"	2 "	"

COMMISSIONERS OF PUBLIC PRINTING.

Name.	Office.		Residence.
Milton Barnes, Secretary of State	Ex-officio.	Commissioner	Cambridge.
James Williams, Auditor of State		"	Columbus.
Isaiah Pillars, Attorney-General		"	Lima.

ADJUTANT-GENERAL—(*Ex-officio Superintendent of State House*).

Name.	Office.	Residence.	Term of office.	Term expires.
Luther M. Meily	Adjutant-General	Lima	2 years.	Jan. 15, 1880.
Leander R. Hoagland	Asst. Adjutant-General	Millersburg	2 "	" "
Daniel G. Fitch	Chief Clerk	Dayton	2 "	" "
Robert H. Higgins	Transcribing Clerk	Georgetown	2 "	" "
George W. Houk, Jr.	" "	Dayton	2 "	" "
Frank Stible	Supt. State Arsenal	Sandusky	2 "	" "
Andrew Hennessey	Foreman of laborers	Lima		
William J. Creed	Janitor flag-room	Lancaster		
Milton Turner	Janitor rotunda	Cambridge		
L. K. Sands	Carpenter	Columbus		
Wm. Allensworth	Engineer	Troy		
Edward McGill	Fireman	Columbus		
Patrick McCarthy	Assistant fireman	"		
Wm. Domigan	Policeman	"		
Louis Lemoine	Night watch	Macedonia		
Fred. Blankner, Jr.	Laborer	Columbus		
Patrick Griffin	"	"		
James Fallon	"	"		
Patrick Sullivan	"	"		
Patrick Kelly	"	"		
Patrick Nevill	"	"		

OHIO STATE LIBRARY.

Name.	Office.	Residence.	Term of office.	Term expires.
H. V. Kerr	State Librarian	Batavia	2 years.	Mar. 15, 1881.
Mary C. Harbaugh	Assistant Librarian	Columbus	2 "	"

HEADS OF DEPARTMENTS AND ROSTER OF APPOINTED OFFICERS—Contin'd.

Commissioner of Common Schools.

Name.	Office.	Residence.	Term of office.	Term expires
J. J. Burns	Commissioner	St. Clairsville	3 years.	Jan. 10, 1881
John H. Brenneman	Chief Clerk	Chillicothe	3 "	Jan. 10, 1881
James B. Ryan	Second Clerk	St. Clairsville	3 "	Jan. 10, 1881

Board of Public Works.

Name.	Office.	Residence.	Term of office.	Term expires
James C. Evans	President	Delaware	3 years.	2d Tuesd'y in Feb., 1880
Martin Schilder	Member	Chillicothe	3 "	2d Tuesd'y in Feb., 1881
Geo. Paul	"	Cuyahoga Falls	3 "	2d Tuesd'y in Feb., 1882
W. J. Jackson	Chief Engineer	Columbus	2 "	May 22, 1880
W. S. Williams	Resident Engineer	Canton	1 "	Feb. 10, 1880
A. J. Cryder	Engineer	Chillicothe	1 "	" "
John W. Erwin	"	Hamilton	1 "	" "
A. B. Newburgh	Secretary	Columbus	1 "	Feb. 10, 1880
F. W. Newburgh	Assistant Secretary	"	1 "	May 22, 1880
N. Hoagland	Superintendent	Akron	1 "	April 1, 1880
Thos. West	"	Canal Dover	1 "	" "
Samuel Galloway	"	Newark	1 "	" "
W. E. Mead	"	Columbus	1 "	" "
H. White	"	Logan	1 "	" "
E. W. Sprague	"	Lowell	1 "	" "
R. N. Andrews	"	Hamilton	1 "	" "
Jarvis Landon	"	Piqua	1 "	" "
George Long	"	Toledo	1 "	" "
N. C. West	"	Fremont	1 "	" "

Commissioner of Railroads and Telegraphs.

Name.	Office.	Residence.	Term of office.	Term expires
Wm. Bell, Jr	R. R. Commissioner.	84 East Town St.	2 years.	Jan. 17, 1880
Sam. C. Bell	Clerk	185 East Long St.	2 "	" "

Superintendent of Insurance.

Name.	Office.	Residence.	Term of office.	Term expires
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Joseph P. Pennington	Actuary	Columbus	3 "	"
John G. Wright	Book-keeper	Mt. Healthy	3 "	"
Carrie Lind	Corresponding Cl'k	Mansfield	3 "	"
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T. P. Spencer	Supt. D. and D Print'g Office	"	2 "	"
M. C. Lilley	Supt. Bindery	"	2 "	"
George Smeltz	Foreman Bindery	"	2 "	"

COMMISSIONERS OF PUBLIC PRINTING.

Name.	Office.		Residence.
Milton Barnes, Secretary of State	Ex-officio.	Commissioner	Cambridge.
James Williams, Auditor of State		"	Columbus.
Isaiah Pillars, Attorney-General		"	Lima.

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Name.	Office.	Residence.	Term of office.	Term expires.
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Leander R. Hoagland	Asst. Adjutant-General	Millersburg	2 "	" "
Daniel G. Fitch	Chief Clerk	Dayton	2 "	" "
Robert H. Higgins	Transcribing Clerk	Georgetown	2 "	" "
George W. Houk, Jr.	" "	Dayton	2 "	" "
Frank Stible	Supt. State Arsenal	Sandusky	2 "	" "
Andrew Hennessey	Foreman of laborers	Lima		
William J. Creed	Janitor flag-room	Lancaster		
Milton Turner	Janitor rotunda	Cambridge		
L. K. Sands	Carpenter	Columbus		
Wm. Allensworth	Engineer	Troy		
Edward McGill	Fireman	Columbus		
Patrick McCarthy	Assistant fireman	"		
Wm. Domigan	Policeman	"		
Louis Lemoine	Night watch	Macedonia		
Fred. Blankner, Jr.	Laborer	Columbus		
Patrick Griffin	"	"		
James Fallon	"	"		
Patrick Sullivan	"	"		
Patrick Kelly	"	"		
Patrick Nevill	"	"		

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Name.	Office.	Residence.	Term of office.	Term expires.
H. V. Kerr	State Librarian	Batavia	2 years	Mar. 15, 1881.
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Thos. West	"	Canal Dover	1 "	" "
Samuel Galloway	"	Newark	1 "	" "
W. E. Mead	"	Columbus	1 "	" "
H. White	"	Logan	1 "	" "
E. W. Sprague	"	Lowell	1 "	" "
R. N. Andrews	"	Hamilton	1 "	" "
Jarvis Landon	"	Piqua	1 "	" "
George Long	"	Toledo	1 "	" "
N. C. West	"	Fremont	1 "	" "

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M. C. Lilley	Supt. Bindery	"	2 "	"
George Smeltz	Foreman Bindery	"	2 "	"

COMMISSIONERS OF PUBLIC PRINTING.

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Daniel G. Fitch	Chief Clerk	Dayton	2 "	" "
Robert H. Higgins	Transcribing Clerk	Georgetown	2 "	" "
George W. Houk, Jr.	" "	Dayton	2 "	" "
Frank Stible	Supt. State Arsenal	Sandusky	2 "	" "
Andrew Hennessey	Foreman of laborers	Lima		
William J. Creed	Janitor flag-room	Lancaster		
Milton Turner	Janitor rotunda	Cambridge		
L. K. Sands	Carpenter	Columbus		
Wm. Allensworth	Engineer	Troy		
Edward McGill	Fireman	Columbus		
Patrick McCarthy	Assistant fireman	"		
Wm. Domigan	Policeman	"		
Louis Lemoine	Night watch	Macedonia		
Fred. Blankner, Jr.	Laborer	Columbus		
Patrick Griffin	"	"		
James Fallon	"	"		
Patrick Sullivan	"	"		
Patrick Kelly	"	"		
Patrick Nevill	"	"		

OHIO STATE LIBRARY.

Name.	Office.	Residence.	Term of office.	Term expires.
H. V. Kerr	State Librarian	Batavia	2 years.	Mar. 15, 1881.
Mary C. Harbaugh	Assistant Librarian	Columbus	2 "	"

HEADS OF DEPARTMENTS AND ROSTER OF APPOINTED OFFICERS—Contin'd.

Commissioners of the Ohio State Library.

Name.	Office.	Residence.
Richard M. Bishop, Governor	Ex-officio Commissioner	Cincinnati.
Milton Barnes, Secretary of State	" "	Cambridge.
H. V. Herr, State Librarian	" "	Batavia.

Ohio State Law Library.

Name.	Office.	Residence.	Term of office.	Term expires.
James H. Beebe	Law Librarian	Columbus	3 years.	Feb. 9, 1882
Frank N. Beebe	Ass't Law Libr'n.	"	1 year.	Second Tuesday after 1st Monday in December.

Board of State Charities.

Name.	Residence.	Term of office.	Term expires.
Gov. R. M. Bishop, ex-officio	Columbus	Ex-offi'o	Jan. —, 1880
John W. Andrews	"	3 years.	April 7, 1880
Carl Boesel	New Bremen	"	April 7, 1882
Roeliff Brinkerhoff	Mansfield	"	April 7, 1882
M. D. Carrington	Toledo	"	April 7, 1882
Joseph Perkins	Cleveland	"	April 7, 1880
A. G. Byers, Secretary	Columbus	1 year.	May 31, 1880

Ohio State Fish Commission.

Name.	Office.	Residence.	Term of office.	Term expires.
J. C. Fisher	President	Coshocton	3 years.	April, 1881.
Robert Cummings	Treasurer	Toledo	"	April, 1881.
L. A. Harris	Secretary	Cincinnati	"	April, 1881.
E. D. Potter	Supt. Hatcheries	Toledo		

OHIO STATE BOARD OF AGRICULTURE.

Name.	Office.	Residence.	Term of office.	Term expires.
B. W. Carlisle	President	Hooker's Station	1 year.	January, 1880
L. B. Wing	Treasurer	Newark	"	January, 1880
Jas. W. Fleming	Acting Secretary.	Columbus	"	January, 1880

DEPARTMENT OF MINES.

Name.	Office.	Residence.	Term of office.	Term expires.
David Owens	State Inspector of Mines	Sodom, Trumbull Co.	4 years.	Nov. 14, 1883

BUREAU OF LABOR STATISTICS.

Name.	Office.	Residence.	Term of office.	Term expires.
H. J. Walls	Commissioner	Columbus	2 years.	Jan. 1, 1881

OHIO STATE UNIVERSITY.

BOARD OF TRUSTEES.

Hon. J. H. Anderson	Columbus, Ohio.
Alston Ellis	Columbus, Ohio.
Hon. Thomas J. Godfrey	Celina, Ohio.
S. H. Ellis	Springboro, Ohio.
Hon. Stephen Johnston	Piqua, Ohio.
Hon. James B. Jamison	Cadiz, Ohio.
T. Ewing Miller	Columbus, Ohio.

OFFICERS OF THE BOARD.

Stephen Johnston	President.
Albert Allen	Secretary.
Henry S. Babbitt	Treasurer.

EXECUTIVE COMMITTEE.

J. H. Anderson, T. Ewing Miller, Alston Ellis.

FARM COMMITTEE.

James B. Jamison, S. H. Ellis, T. J. Godfrey.

FINANCE COMMITTEE.

Alston Ellis, T. Ewing Miller, T. J. Godfrey.

FACULTY.

Edward Orton, Ph.D., President, and Professor of Geology.
Sidney A. Norton, Ph.D., M.D., Professor of General and Applied Chemistry.
Joseph Millikin, A.M., Professor of English Language and Literature, and of the French and German Languages.
Norton S. Townshend, M.D., Professor of Agriculture.
R. W. McFarland, A.M., Professor of Mathematics and Civil Engineering.
Albert H. Tuttle, M.Sc., Professor of Zoology and Comparative Anatomy.
Luigi Lomia, M.Sc., First Lieut. Fifth Artillery, U. S. A.; Professor of Military Science and Tactics, and Adjunct Professor of Mathematics.
S. W. Robinson, C.E., Professor of Physics and Mechanics.
Josiah R. Smith, A.B., Assistant Professor of the Latin and Greek Languages.
Nat. W. Lord, M.E., Assistant Professor of Mining and Metallurgy.
John T. Short, A.M., Assistant Professor of History and Philosophy.
Thomas Mathew, Instructor in Free-hand and Mechanical Drawing.
Alice Williams, Assistant in Department of Modern Languages.

Josiah R. Smith, A.B., Librarian.
Miss S. Glover, Assistant Librarian.

STUDENT ASSISTANTS.

Edward Hyatt, Assistant in American History, and in President's Office.
Arthur Cunningham, Charles M. Lewis, Assistants in Latin and Greek.
Stacy B. Beebe, Horace L. Wilgus, Assistants in Mathematics.
David O'Brine, Assistant in Chemistry.
Chauncey B. Baker, Assistant in Zoology.

OHIO INSTITUTION FOR THE EDUCATION OF THE DEAF AND DUMD.

BOARD OF TRUSTEES.

Name.	Residence.
Jacob Rohrheimer	Cleveland.
E. L. Hinman	Columbus.
John Cooke	Bridgeport.
Samuel Thomas	Columbus.
L. L. Lamborn	Alliance.

OFFICERS.

G. O. Fay ..... Superintendent.

THE SCHOOL.

Academic Department.

C. S. Perry, Robert Patterson.

Grammar Department.

J. D. H. Stewart, L. K. Thompson, J. A. Shrom.
J. M. Park, Sarah Noyes,.

Primary Department.

M. G. Raffington, Kate Millikan, G. E. Woofter,
G. W. Halse, M. A. Byers, A. E. Frost,
A. B. Greener, H. W. Dare, F. M. Camp,
P. M. Park, C. M. Feasley, L. E. Brown.
C H. Smith, Mary Straw, M. O. Hyde.
M. C. Bierce.

Articulation Department.

I. W. Kessler, Bettie Allen.

The Family.

H. C. Filler ..... Steward.
N. R. Coleman ..... Physician.
C. A. Babbitt ..... Matron.
H. A. Rose ..... Assistant Matron.
Mary High ..... Assistant Matron.
S. A. Buckland ..... Housekeeper.

Department of Trades.

P. P. Pratt ..... Master of Shoe-shop.
W. J. Elliott ..... Supervisor of State Printing.
M. C. Lilley ..... Foreman of Bookbindery.
T. P. Spencer ..... Foreman of Printing-office.

OHIO INSTITUTION FOR THE EDUCATION OF THE BLIND.

BOARD OF TRUSTEES.

Name.	Residence.
Joseph Falkenbach, President	Columbus.
W. R. Wing, Secretary	Newark.
Harmon Austin	Warren.
C. Blazer	Waverly.
S. D. Houpt	Findlay.

OFFICERS.

Name.	Office.	Residence.
G. L. Smead	Superintendent	Columbus.
Henry Snyder	Teacher in Literary Department	"
Frank Lumb	" " "	"
Mary S. Redick	" " "	"
Lizzie Armstrong	" " "	"
Nellie B. Holt	" " "	"
Hattie Dunbar	" " "	"
H. J. Nothnagle	Teacher of Music	"
James McCombs	" "	"
Mury Loeb	" "	"
Lena Ernst	" "	"
Mary A. Tipton	" "	"
Joanna Donovan	" "	"
Kate Henderlick	Music Reader	"
Henry Haunstein	Teacher in Work Department	"
Ruth C. Bartlett	" " "	"
Mary Wainwright	" " "	"
Ella McCarty	" " "	"
John McCarty	Steward	"
J. R. Flowers, M.D	Physician	"
Olive M. Brown	Matron	"
Catharine Armstrong	Housekeeper	"
Harriet Chalfant	Assistant Matron	"
Emma Mueller	" "	"

OHIO INSTITUTION FOR THE EDUCATION OF IMBECILE YOUTH.

BOARD OF TRUSTEES.

Name.	Residence.
John A. Shank	Cincinnati.
James M. Montgomery	Columbus.
J. K. Rukenbrod	Salem.

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Name.	Office.
Gustavus A. Doren, M.D	Superintendent.
A. P. Bateham	Clerk.
Miss Harriet F. Purple	Matron.
Mrs. Sarah Lawrence	Assistant Matron.
Miss Sarah Husted	Housekeeper.
Mrs. N. L. Doren	Teacher.
Miss M. E. Clift	"
Miss Lucretia Lockwood	"
Miss L. R Seymour	"
Miss F. Ruggles	"
Miss J. B. Bateham	"
Miss P. K. Ayres	"
Miss J. Zurmehley	"
Miss M. H. Wickes	"
Miss Annie L. McGrew	"
Miss J. W. Ricks	"
Miss Annie M. Clark	"
Miss M. D. Clark	"
Miss E. L. Clark	"
Miss E. V. Thompson	"
Miss J. H. Breckenridge	"
Miss F. E. Wright	"
Miss A. M. Johnson	"
Miss A. L. Brown	"
Miss M. J. Wright	"

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BOARD OF TRUSTEES.

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D. A. Houk, Secretary	Dayton.
H. Schoenfeldt	Miamisburgh.
C. M. Godfrey	Ottawa.
Job E. Owens	Hamilton.

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Name.	Office.
D. A. Morse, M.D	Medical Superintendent.
John M. Carr, M.D	Assistant Physician.
P. N. Adams, M.D	" "
George Kramer	Steward.
W. A. Stork	Store-keeper.
Mrs. A. M. Morse	Matron.

ATHENS ASYLUM FOR THE INSANE.

BOARD OF TRUSTEES.

Name.	Residence.
Isaac Stanly	Athens.
Dr. Ball	Zanesville.
John Schreiner	Middleport.
S. M. McMillen	Marietta.
F. S. Pursell	Logan.

OFFICERS

Name.	Residence.
W. H. Holden, Superintendent	Zanesville.
Robert Bell, Steward	Zanesville.
J. J. Magruder, Assistant Physician	Somerset.
C. W. Eddy, "	Guernsey county.
Lewis Hamblin, Store-keeper	Logan.
Mrs. W. H. Holden, Matron	Zanesville.

LONGVIEW ASYLUM FOR THE INSANE.

BOARD OF TRUSTEES.

Name.	Residence.
H. D. Peck	Cincinnati.
Rev. J. F. Chalfant	Springdale.
A. J. Mullane	Cincinnati.
B. Roth	"
C. S. Muscroft	"

OFFICERS.

Name.	Residence.
C. A. Miller, M.D., Superintendent	Longview Asylum.
Dr. F. F. Hellman, Asst. Physician	" "
Dr. J. M. Ratliff, "	" "
W. H. Rowe, Steward	" "

OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME.

BOARD OF TRUSTEES.

Name.	Residence.
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A. N. Stork, Secretary	Xenia.
A. M. Stimson	Washington C. H.
John Kirkpatrick	Cambridge.
B. C. Blackburn	Roscoe.

OFFICERS.

Name.	Residence.
N. R. Wyman, Superintendent	Sidney.
D. M. Brelsford, Clerk	Columbus.
C. B. Jones, Physician	Xenia.

OHIO UNIVERSITY, ATHENS.

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Name.	Office.	Residence.
William H. Scott	President	Athens.
Joseph M. Dana	Secretary and Auditor	"
E. H. Moore	Treasurer	"

EXECUTIVE COMMITTEE.

Name.	Residence.
Leonidas J. Jewett	Athens.
Joseph M. Dana	"
A. G. Brown	"
E. H. Moore	"
R. De Steigerer	"
William H. Scott	"

FACULTY.

William H. Scott, President, and Professor of Intellectual and Moral Philosophy.
Rev. J. L. Hatfield, A.M., Professor of Greek and Latin.
Jefferson McC. Martin, A.M., Ph.D., Professor of Mineralogy, Chemistry, and Geology.
R. S. Devol, A.M., Professor of Mathematics.
Milton S. Vail, A.B., Principal of Preparatory Department.
George P. Coler, Assistant in Preparatory Department.
R. S. Devol, A.M., Secretary of the Faculty.
Rev. J. L. Hatfield, A.M., Librarian.
Jefferson McC. Martin, A.M., Ph.D., Curator of Museum.

MIAMI UNIVERSITY, OXFORD.

(Closed as a college and leased by the Board of Trustees to the Miami Classical and Scientific Training School.)

GIRLS' INDUSTRIAL HOME.

BOARD OF TRUSTEES.

Name.	Residence.
F. H. Thornhill, President	Richwood.
J. W. Watkins, Secretary	Delaware.
R. R. Henderson	"
T. D. West	Sandusky.
T. McSweeney	Wooster.

OFFICERS.

Name.	Residence.
N. S. Smith, Superintendent	At the Home.
Cornelia T. Smith, Matron	" "
Miss Frances G. Janney, Physician	" "
Miss Minnie D. Hackinson, Clerk	" "
Miss M. E. Singer, Assistant Matron	" "
Miss S. A. Humphreys, "	" "
Miss M. A. Gotham, "	" "
Miss Belle McCormick, "	" "
Miss D. H. Crarey, "	" "
Miss Elvira Way, "	" "
Mrs. E. Edgerton, "	" "
Miss Mary Herbert, Teacher	" "
Miss Mary L. Clark, "	" "
Miss Emma McCormick, "	" "
Miss Laura L. Rutella, "	" "
Miss Minnie Corey, "	" "
Miss Jennie Frances, "	" "
Miss Addie Baker, "	" "

TOLEDO HOUSE OF REFUGE AND CORRECTION.*

BOARD OF TRUSTEES.

Name.	Residence.
Geo. L. Johnson, President	Toledo.
Fred. B. Shoemaker	"
John M. Hauser	"
C. A. Kirkley	"
Walter Pickens	"

OFFICERS.

Name.	Residence.
Chas Douglass, Superintendent	Toledo.
Mrs. A. E. Douglass, Matron	"
W. K. Mandeville, Deputy Superintendent	"
Seth W. Beckwith, teacher	"
Miss A. M. Cogswell, "	"

* Not under State control.

OHIO REFORM SCHOOL.

BOARD OF TRUSTEES.

Name.	Residence.
John M. Pugh	Columbus.
Rev. B. W. Chidlaw	Cleves.
Chas. Mams	Belle Center.
Jacob Cherryholmes	Millersburg.
Henry J. Reinmund	Lancaster.

OFFICERS.

(Not reported.)

OHIO PENITENTIARY.

BOARD OF TRUSTEES.

Name.	Residence.
Francis Collins, President	Columbus.
J. G. Peetry	London.
D. McConville, Jr	Steubenville.
E. F. Blair	Georgetown.
Charles Roose	Oak Harbor.

OFFICERS.

Name.	Residence.
B. F. Dyer, Warden	Columbus.
G. C. Porter, Deputy Warden	"
J. L. Andrews, Steward	"
S. L. Reeves, Clerk	"
W. H. Drury, Physician	"
Rev. John Burns, Chaplain	"

JUDICIARY.

OFFICERS OF COURTS.

SUPREME COURT.

Name.	Office.	Residence.	Term of office.	Term expires.
Hon William White	Chief Justice	Springfield	5 years	Feb. 9, 1884.
Hon. W. J. Gilmore*	Judge	Eaton	"	" 9, 1889.
Hon. Geo. W. McIlvaine.	"	New Philadelphia..	"	" 9, 1881.
Hon. W. W. Boynton....	"	Elyria	"	" 9, 1882.
Hon. John W. Okey.....	"	Columbus	"	" 9, 1883.
Richard J. Fanning.....	Clerk.....	"	3 "	" 6, 1881.
James A. Fanning	Deputy Clerk	"	"	" 6, 1881.

* W. W. Johnson, of Ironton, elected for five years from February 9, 1880.

SUPREME COURT COMMISSION.†

Name.	Office.	Residence.	Term of office.	Term expired.
Hon. W. W. Johnson....	Chief Judge	Ironton.....	3 years	Feb. 1, 1879.
Hon. Josiah Scott.....	Judge	Bucyrus	"	" "
Hon. Luther Day	"	Ravenna	"	" "
Hon. D. Thew Wright...	"	Cincinnati	"	" "
Hon. T. Q. Ashburn.....	"	Batavia	"	" "
Richard J. Fanning.....	Clerk *ex officio*	Columbus	.....	" "
Fred. Green.....	Deputy Clerk....	Cleveland	.....	" "
E. L. DeWitt	Reporter.....	.....	.....	

† Concluded its labors February 1, 1879.

COMMISSION TO REVISE AND CONSOLIDATE THE STATUTES.‡

Name.	Office.	Residence.
M. A. Daugherty.....	Commissioner.....	Columbus.
John S. Brasee	"	Lancaster.
George B. Okey.....	"	Cincinnati.
E. T. Hall	Clerk	Columbus.
Amos Layman	"	"
T. W. Okey.....	"	Cincinnati.
E. B. Yarnell	"	"
D. R. Jones.....	"	Granville.

‡ Commission concluded its labors November 26, 1879.

UNITED STATES CIRCUIT COURT FOR THE SOUTHERN DISTRICT OF OHIO, HELD AT CINCINNATI.

Name.	Office.	Residence.	Term of office.	Term expires.
John Baxter.....	Judge	Knoxville, Tenn.	Life	
Channing Richards	District Attorney ..	Glendale, Ohio..	Four years...	Feb. 16, 1881
Joseph C. Ullery...	Marshal	Cincinnati, Ohio	Four years...	Dec. 18, 1882
Theodore Cook	Jury Commissioner.	Clifton, Ohio....	No fixed term	
Wm. C. Howard ...	Clerk	Glendale, Ohio..	During pleasure of Court	

Time of holding Court on the first Tuesday of February, April, and October.

UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF OHIO, HELD AT CINCINNATI.

Name.	Office.	Residence.	Term of office.	Term expires.
Philip B. Swing ...	Judge	Batavia, Ohio...	Life	
Channing Richards	District Attorney ..	Glendale, Ohio..	Four years...	Feb. 16, 1881
Joseph C. Ullery...	Marshal	Cincinnati, Ohio	Four years...	Dec. 18, 1882
Theodore Cook	Jury Commissioner.	Clifton, Ohio ...	No fixed term	
Wm. C. Howard ...	Clerk	Glendale; Ohio..	During pleasure of Court	

Time of holding Court on the first Tuesday of February, April, and October.

UNITED STATES CIRCUIT COURT, NORTHERN OHIO, HELD AT CLEVELAND AND TOLEDO.

Name.	Office.	Residence.	Term of office.
Hon. Noah H. Swayne ...	Justice Sup. Court.	Washington, D.C.	Life.
" John Baxter	Circuit Judge for Sixth Circuit ...	Knoxville, Tenn .	"
" Martin Welker.....	District Judge	Wooster	"
Augustus J. Ricks	Clerk.....	Massillon	At pleasure of Court.
Edward W. Page	Deputy Clerk	Cleveland	Appointed by Clerk.
Omar T. Case	"	Toledo	" "
John C. Lee	District Attorney ..	"	4 yrs. from Mar. 1877.
Edward S. Meyer	Asst. Dist. " ..	Cleveland	" "
Noyes B. Prentice.....	Marshall.....	"	4 yrs. from Feb. 1876
S. M. Smead	Deputy Marshall...	"	App'nted by Marshal
John Odell	" ...	"	" "
Henry Saunders	Crier	"	Appointed by Court.

UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF OHIO.

Name.	Office.	Residence.	Term of office.
Noah H. Swayne	Justice Supreme Court .	Washington, D.C.	Life.
John Baxter	Circuit Judge	Knoxville, Tenn .	"
Martin Welker	District Judge.....	Wooster	"
John C. Lee.....	" Attorney	Toledo	Four years.
Earl Bill	Clerk.....	Cleveland	Good behavior.
Noyes B. Prentice	Marshal	"	Four years.
Henry Saunders	Crier	"	Good behavior.
Charles H. Bill.....	Deputy Clerk.....	"	"
George Wyman	"	"	"
Chauncey C. Bill.....	Asst. Clerk	"	"

The time of holding the Courts of the United States, fixed by law, are as follows:

The Circuit and District Courts for the Northern District of Ohio are held at Cleveland the first Tuesdays of January, April, and October.

The District Court is held at Toledo the second Tuesdays of June and December.

JUDGES OF THE COURT OF COMMON PLEAS—1879-1880.

District.	Sub div.	Counties.	Names and post offices.	Term. Commenced.	Term. Expires.
1		Hamilton	Fayette Smith, Cincinnati	Dec. 2, 1878	Dec. 2, 1883
			Fred W. Moore, "	Dec. 2, 1878	Dec. 2, 1883
			Wm L Avery, "	Feb. 12, 1877	Feb. 12, 1882
			Joseph Cox, "	Feb 12, 1877	Feb. 12, 1882
			Nicholas Longworth, "	Feb 12, 1877	Feb. 12, 1882
			Robert A Johnston, "	Nov. 6, 1876	Nov. 6, 1881
			Jacob Burnet, "	Nov. 6, 1876	Nov. 6, 1881
2	1	Butler	Alex F Hume, Hamilton	Feb. 12, 1877	Feb. 12, 1882
		Preble	Henderson Elliott, Dayton	Nov. 6, 1876	Nov. 6, 1881
		Montgomery	David L. Meeker, Greenville	May 13, 1873	May 13, 1883
		Darke	James A. Gilmore, Eaton		
2	2	Champaign	Henry H Williams, Troy†	May 12, 1879	May 12, 1884
		Miami		Dec. 3, 1877	Feb. 12, 1882
		Warren	Wm. R. Warnock, Urbana	Nov. 3, 1879	Nov. 3, 1884
2	3	Clinton	James M Smith, Lebanon	Feb. 12, 1877	Feb. 12, 1882
		Greene	Azariah W. Doan, Wilmington*	April 12, 1875	April 12, 1880
		Clarke	James S Goode, Springfield*	April 12, 1875	April 12, 1880
			James E. Hawes, Xenia	Feb. 9, 1879	Feb. 9, 1884
3	1	Shelby			
		Auglaize	James H. Day, Celina	Feb. 9, 1880	Feb. 9, 1885
		Mercer	Charles M Hughes, Lima	Feb. 9, 1879	Feb. 9, 1884
		Allen			
		Van Wert			
3	2	Paulding	Selwyn N Owen, Bryan	Feb. 12, 1877	Feb. 12, 1882
		Defiance			
		Williams			
3	3	Fulton	John J. Moore, Ottawa	May 10, 1879	May 10, 1884
		Henry			
		Putnam			
4	1	Lucas	Wm. F Lockwood, Toledo	Nov. 11, 1878	Nov 11, 1883
		Ottawa	John H Doyle, Toledo	Oct. 24, 1879	Oct. 24, 1884
		Sandusky	Reuben C. Lemmon, Toledo*	Oct. 24, 1874	Feb. 9, 1880
		Erie	Cooper K Watson, Sandusky	Feb 12, 1877	Feb. 12, 1882
		Huron	Birdseye W. Rouse, Toledo	May —, 1876	May —, 1881
4	2	Lorain	Newell D. Tibballs, Akron	May 1, 1876	May 1, 1881
		Medina	John C. Hale, Elyria	Feb. 12, 1877	Feb. 12, 1882
		Summit			
4	3	Cuyahoga	Darius Cadwell, Cleveland	Feb. 9, 1879	Feb. 9, 1884
			Jesse H. McMath, "	Nov. 1, 1875	Nov. 1, 1880
			James M Jones, "	Nov. 1, 1875	Nov. 1, 1880
			Edwin T Hamilton, "	Nov. 1, 1875	Nov. 1, 1880
			Gershom M Barber, "	Nov 1, 1875	Nov. 1, 1880
			Samuel B. Prentiss, "	Feb 12, 1877	Feb. 12, 1882
5	1	Clermont	Allen T Bowen, Batavia	Feb. —, 1878	Feb. —, 1883
		Brown	David Tarbill, Georgetown	Feb. 12, 1877	Feb. 12, 1882
		Adams			
5	2	Ross	Thad. A. Minshall, Chillicothe	Feb 12, 1879	Feb. 12, 1884
		Highland	Samuel F Steel, Hillsborough	Feb. 12, 1877	Feb. 12, 1882
		Fayette			
5	3	Franklin	Ed F Bingham, Columbus	May 11, 1878	May 11, 1883
		Pickaway	John L Green, "	Feb. 12, 1877	Feb. 12, 1882
		Madison	Eli P Evans, "	May —, 1878	May —, 1883
			S W Courtright, Circleville	May 10, 1875	May 10, 1880
			George Lincoln, London	Feb. 9, 1880	Feb. 9, 1885

*Re-elected October, 1879.

†Elected to fill vacancy occasioned by death of George D Burgess.

District.	Sub-div.	Counties.	Names and post-offices.	Term. Commenced	Term. Expires.
6	1	Licking	Samuel M. Hunter, Newark	Feb. 12, 1877	Feb. 12, 1882
		Knox	John Adams, Mt. Vernon	Feb. 12, 1877	Feb. 12, 1882
		Delaware			
6	2	Morrow	Moses R. Dickey, Mansfield	Feb 12, 1877	Feb. 12, 1882
		Richland	Thomas J Kenney, Ashland	Feb. 10, 1879	Feb. 10, 1884
		Ashland			
6	3	Wayne	Chas. C. Parsons, Sr., Wooster	Feb. 12, 1877	Feb. 12, 1882
		Holmes	C. F. Voorhees, Millersburg	Feb. 12, 1878	Feb. 12, 1883
		Coshocton			
7	1	Fairfield	Silas H. Wright, Lancaster	Feb. 12, 1877	Feb. 12, 1882
		Perry			
		Hocking			
7	2	Jackson	John S. Freisner, Logan	Dec. 1, 1879	Dec. 1, 1884
		Vinton	J. J Harper, Portsmouth	Feb. 12, 1877	Feb. 12, 1882
		Pike	James Tripp, Jackson C. H	Feb. 9, 1879	Feb. 9, 1884
		Scioto			
		Lawrence			
7	3	Gallia	Samuel S. Knowles, Marietta	Feb. 12, 1878	Feb. 12, 1883
		Meigs	Jos. P. Bradbury, Pomeroy	Feb. 12, 1877	Feb. 12, 1882
		Athens			
		Washington			
8	1	Muskingum	Wm. H. Frazier, Caldwell	Feb. 12, 1877	Feb. 12, 1882
		Morgan	Wm. H. Ball, Zanesville	Aug. 3, 1879	Aug. 3, 1884
		Noble			
		Guernsey			
8	2	Belmont	Wm. Okey, Woodsfield	Feb. 12, 1877	Feb. 12, 1882
		Monroe			
8	3	Jefferson	J. Patrick, Jr., N Philadelphia	Feb 12, 1877	Feb. 12, 1882
		Harrison			
		Tuscarawas			
9	1	Stark	Seraphim Meyer, Canton	Feb. 12, 1877	Feb. 12, 1882
		Carroll	Peter A. Laubie, Salem	Nov. 1, 1875	Nov. 1, 1880
		Columbiana			
9	2	Trumbull	Ezra B. Taylor, Warren	Feb. 12, 1878	Feb. 12, 1883
		Portage	Wm. T. Spear, Warren	Oct. 31, 1878	Oct. 31, 1883
		Mahoning			
9	3	Geauga	Laban S. Sherman, Ashtabula	Feb. 12, 1877	Feb. 12, 1882
		Lake	H. B. Woodbury, Jefferson	Jan. 25, 1876	Jan. 25, 1881
		Ashtabula			
10	1	Wood	John McCauley, Tiffin	Feb. 9, 1880	Feb. 9, 1885
		Hancock	Henry H. Dodge, Perrysburg	Feb. 1, 1878	Feb. 1, 1883
		Seneca			
		Hardin			
10	2	Crawford	Thomas Beer, Bucyrus	Feb. 12, 1877	Feb. 12, 1882
		Marion			
		Wyandot			
10		Union	John L. Porter, Marysville	Feb. 12, 1877	Feb. 12, 1882
		Logan			

TIMES OF HOLDING COURTS IN OHIO IN 1880.

FIRST DISTRICT.

District Court.

Hamilton, 1st Monday January, 1st Monday April, 1st Monday October.

Common Pleas.

Hamilton, 1st Monday January, 2d Monday May, 1st Monday November.

SECOND DISTRICT.

District Court.

Butler, March 29; Clinton, May 3; Warren, April 26; Champaign, May 17; Montgomery, May 3; Clarke, March 29; Greene, April 12; Darke, April 12; Preble, May 24; Miami, March 29.

Common Pleas.

Butler, January 12, May 24, October 18.
Montgomery, January 12, May 31, October 18.
Darke, January 12, May 24, October 18.
Clinton, January 12, May 17, October 18.
Warren, January 12, June 7, October 18.
Clarke, January 12, May 31, October 18.
Green, January 5, June 7, October 18.
Champaign, January 12, June 7, October 18.
Miami, January 12, June 7, October 18.
Preble, February 2, June 7, November 1.

THIRD DISTRICT.

District Court.

Allen, March 27; Auglaize, March 20; Defiance, April 5; Fulton, April 9; Henry, April 7; Mercer, March 25; Paulding, April 2; Putnam, March 16; Shelby, March 23 Van Wert, March 31; Williams, April 10.

Common Pleas.

Allen, January 19, May 24, November 15.
Auglaize, January 5, April 19, September 6.
Defiance, January 19, May 3, October 5.
Fulton, March 2, May 11, October 19.
Henry, February 3, April 20, September 14.

Mercer, February 9, June 7, October 25.
Paulding, January 5, April 19, September 20.
Putnam, January 5, May 31, November 8.
Shelby, February 16, April 19, September 6.
Van Wert, February 23, May 10, September 27.
Williams, February 12, May 31, November 8.

FOURTH DISTRICT.

District Court.

Erie, April 15; Huron, March 22; Lucas, March 15; Sandusky, April 5; Ottawa, April 29; Lorain, March 15; Medina, April 29; Summit, March 15; Cuyahoga, March 15, September 6.

Common Pleas.

Erie, January 26, May 24, October 25.
Huron, February 2, May 24, November 22.
Lucas, January 5, May 3, October 18.
Sandusky, January 5, March 1, October 18.
Ottawa, January 5, May 3, October 4.
Lorain, February 2, May 24, October 25.
Medina, January 12, May 3, September 27.
Summit, January 12, May 10, September 27.
Cuyahoga, January 5, March 1, May 3, September 6, November 1.

FIFTH DISTRICT.

District Court.

Madison, March 16; Fayette, April 26; Clermont, September 20; Franklin, March 20, October 15; Adams, August 31; Highland, September 29; Pickaway, April 19; Brown, September 3; Ross, October 4.

Common Pleas.

Adams, January 6, May 4, September 7.
Clermont, January 27, May 25, October 19.
Brown, January 27, May 4, October 19.
Highland, January 6, May 4, September 14.
Ross, January 6, May 4, October 19.
Fayette, February 17, June 1, November 16.
Franklin, January 5, April 5, September 6.
Madison, January 6, May 4, October 19.
Pickaway, February 3, June 1, November 16.

SIXTH DISTRICT.

District Court.

Delaware, July 6; Knox, July 12; Licking, June 21; Ashland, June 21; Morrow, June 28; Richland, July 12; Coshocton, June 10; Holmes, June 7; Wayne, June 14.

Common Pleas

Delaware, January 5, April 6, October 18.
Knox, February 16, May 3, November 15.
Licking, January 12, April 12, October 4.
Ashland, March 1, August 23, November 15.
Morrow, February 9, May 3, October 18.
Richland, March 22, September 6, December 6.
Coshocton, February 16, April 19, October 18.
Holmes, January 12, March 29, September 6.
Wayne, February 16, August 23, November 29.

SEVENTH DISTRICT.

District Court.

Washington, April 1; Gallia, April 12; Scioto, April 20; Perry, August 31; Hocking, September 8; Athens, September 11; Meigs, April 7; Lawrence, April 15; Pike, April 26; Fairfield, September 3; Jackson, September 19; Vinton, September 16.

Common Pleas.

Athens, February 9, June 7, November 17.
Fairfield, March 15, June 7, November 29.
Gallia, February 9, May 24, November 8.
Hocking, February 15, June 7, November 29.
Jackson, March 1, June 7, November 15.
Lawrence, March 2, June 8, November 9.
Meigs, January 19, May 3, October 11.
Perry, January 19, April 26, November 18.
Pike, February 2, May 10, October 18.
Scioto, February 2, May 10, October 18.
Vinton, January 6, April 12, September 21.
Washington, January 12, May 3, October 18.

EIGHTH DISTRICT.

District Court.

Belmont, April 13; Jefferson, April 6; Harrison, September 2; Tuscarawas, September 6; Guernsey, September 10; Monroe, September 16; Noble, September 20; Morgan, September 23; Muskingum, September 27.

Common Pleas.

Muskingum, February 2, May 10, November 8.
Morgan, January 13, April 20, October 14.
Noble, January 20, April 20, October 18.
Guernsey, February 17, May 18, November 16.
Belmont, February 4, May 11, November 9.
Monroe, January 13, April 20, October 14.
Jefferson, March 2, June 1, November 30.
Tuscarawas, February 2, May 4, November 3.
Harrison, January 13, April 20, October 14.

NINTH DISTRICT.

District Court.

Trumbull, April 12; Portage, April 5; Lake, March 31; Geauga, April 7; Ashtabula, March 22; Mahoning, March 22; Columbiana, April 21; Carroll, April 28; Stark, April 12.

Common Pleas.

Carroll, January 19, May 10, November 8.
Stark, January 19, May 10, October 18.
Columbiana, February 9, May 24, November 22.
Mahoning, January 12, May 3, September 6.
Trumbull, February 9, May 24, October 18.
Portage, January 12, May 3, September 6.
Lake, February 9, May 31, November 15.
Geauga, January 12, May 3, October 18.
Ashtabula, January 12, May 3, October 18.

TENTH DISTRICT.

District Court.

Crawford, July 9; Hardin, March 30; Hancock, April 7; Logan, March 19; Marion, June 29; Union, March 16; Seneca, April 13; Wood, April 20; Wyandot, April 2.

Common Pleas.

Crawford, January 5, April 26, September 6.
Hardin, February 23, May 3, October 4.
Hancock, January 5, June 8, September 6.
Logan, February 17, May 25, October 19
Marion, February 17, June 8, November 2.
Seneca, February 2, May 31, September 6.
Union, January 5, May 3, September 13.
Wood, February 16, May 3, October 4.
Wyandot, February 2, May 18, October 13.

OFFICE OF THE SECRETARY OF STATE,
COLUMBUS, O., *November* 10, 1879.

I hereby certify that the above is correctly copied from the official lists returned to this office.

[SEAL.] MILTON BARNES, *Secretary of State.*

SENATORS.

Districts.	Names.	Counties.	Post-office.	Occupation.
19th	Atkinson, Frank M	Noble	Batesville	Merchant.
26th	Beebe, D. D	Summit	Hudson	Merchant and Banker.
27th and 29th	Beer, Thomas M	Ashland	Ashland	Merchant.
9th	Carlisle, B. W	Fairfield	Hooker Station	Farmer.
25th	Carran, T. J	Cuyahoga	Cleveland	Attorney-at-Law.
8th	Cline, Wm. C	Vinton	Wilkesville	Physician.
5th	Creamer, Andrew R	Fayette	Washington C. H	Attorney-at-Law.
1st	Eggleston, Benjamin	Hamilton	Cincinnati	Merchant.
6th	Entrekin, John C	Ross	Chillicothe	Attorney-at-Law.
1st	Fleischmann, Charles	Hamilton	Riverside	Manufacturer.
17th and 28th	Harper, Lecky	Knox	Mt. Vernon	Editor and Publisher.
21st	Hartshorn, E. N	Stark	Mt. Union	Teacher.
24th	Hitchcock, Peter	Geauga	Burton	Farmer.
27th and 29th	Horr, R. A	Lorain	Wellington	Banker.
20th	Hollingsworth, D A	Harrison	Cadiz	Attorney-at-Law.
15th	Jackson, Lyman J	Perry	New Lexington	Attorney-at-Law.
8th	Kelly, Lindsey	Lawrence	Ironton	Manufacturer.
1st	Kirby, Josiah	Hamilton	Cincinnati	Manufacturer.
31st	Kirby, Moses H	Wyandot	Upper Sandusky	Attorney-at-Law.
16th	Marriott, F. M	Delaware	Delaware	Attorney-at-Law.
12th	Moore, George W	Darke	Greenville	Dry Goods Merchant.
2d	Mounts, J. L	Warren	Morrow	Physician.
30th	O'Hagan, H. E	Erie	Sandusky	Merchant.
30th	Parker, C. S	Huron	Norwalk	Merchant.
23d	Perkins, H. B	Trumbull	Warren	Banker.
7th	Pollard, John K	Adams	West Union	Farmer.
14th	Pond, Francis B	Morgan	McConnelsville	Attorney-at-Law.
11th	Pringle, Thomas J	Clarke	Springfield	Attorney-at-Law.
22d	Richards, R. G	Jefferson	Steubenville	Attorney-at-Law.
32d	Saltzgaber, G. M	Van Wert	Van Wert	Attorney-at-Law.
3d	Sinks, John F	Montgomery	Dayton	Attorney-at-Law.

13th	Strong, Luther M.	Hardin	Kenton	Attorney-at-Law.
17th and 28th	Sullivan, J. J	Holmes	Millersburg	Farmer.
4th	Tyler, George P	Brown	Russellville	Manufacturer.
10th	Van Cleaf, A. R	Pickaway	Circleville	Editor.
18th	Wilkins, Beriah	Tuscarawas	Urichsville	Banker.
33d	Wilkins, John A	Fulton	Delta	Physician.

SIXTY-FOURTH GENERAL ASSEMBLY—Continued.

REPRESENTATIVES.

Names.	Counties.	Post-Office.	Occupation.
Allen, Charles L	Fulton	Fayette	Produce Dealer.
Armstrong, A M	Wayne	Doylestown	Physician.
Atkinson, G R	Belmont	Atlas	Merchant.
Barton, Francis M	Wayne	Springville	Farmer
Beman, L M	Gallia	Thurman	Cattle Dealer.
Bishop, Leonard W	Clermont	Batavia	Physician
Bloom, S S	Richland	Shelby	Attorney and Editor.
Brenner, Simon	Montgomery	Sulphur Grove	Farmer.
Brown, David I	Putnam	Ottawa	Attorney-at-Law.
Brown, John R	Butler	Hamilton	Physician.
Brownfield, Benjamin	Licking	Newark	Farmer.
Bull, John	Ashland	Londonville	Farmer.
Carpenter, J L	Meigs	Lee P O Athens co	Farmer.
Carlisle, James	Morrow	Mt Gilead	Manufacturer.
Chapman, George T	Cuyahoga	Cleveland	Attorney-at Law.
Clement, George W	Lake	Willoughby	General Agent.
Cochran, Robert	Brown	Georgetown	Farmer.
Cole, Amos B	Scioto	Portsmouth	Farmer.
Conrad, Silas A	Stark	Massillon	Merchant.
Cope, Oliver G	Harrison	Cadiz	Farmer.
Cory, James E	Crawford	New Washington	Mechanic
Coryell, J L	Adams	West Union	Attorney-at Law.
Covert, John C	Cuyahoga	Cleveland	Editor.
Cowgill, Thomas A	Champaign	Kennard	Farmer.
Crites, George W	Tuscarawas	Canal Dover	Druggist.
Dayton, Lewis M	Hamilton	Cincinnati	Manufacturer
Davis, Charles C	Hamilton	Cincinnati	Attorney at-Law.
De ker, Amos	Seneca	Bellevue	Farmer
Dempey, M L	Cuyahoga	Warrensville	Farmer.
Dial, E G	Clarke.	Springfield	Attorney-at-Law.
Dunham, A	Sandusky	Fremont	Farmer.
Ebright, L S	Summit	Akron	Physician and Surg'n.
Ellis, Lorenzo	Ottawa	Elliston	Merchant.
Ellsworth, Leroy W	Lawrence	Rappsburgh	Physician
Estill, James A	Holmes	Millersburg	Editor and Publisher.
Frame, Roland S	Guernsey	Washington	Merchant.
French, Newton E	Ashtabula	Jefferson	Farmer and Banker.
Furgeson, Ira	Clermont	Batavia	Farmer.
Greene, J W	Greene	Fairfield	Physician.
Greiner, Henry C	Perry	Somerset	Dentist.
Groschner, H	Henry	Napoleon	Merchant.
Groom, John C	Franklin	Columbus	Attorney-at-Law.
Hardy, John	Hancock	Oxford Station	Farmer.
Harmon, Charles R	Portage	Aurora	Merchant.
Hathaway, I N	Geauga	Chardon	Attorney-at-Law.
Hays, Michael W	Miami	Troy	Physician and Surg'n.
Heart, Joseph E	Hamilton	Cincinnati	Real Estate Agent.
Herrick, Lucius	Lorain	Wellington	Farmer.
Hill, William H	Hamilton	Sharonville	Farmer.
Hill, John	Summit	Western Star	Farmer.
Holloway, Charles B	Lucas	Holland	Farmer.
Hopkins, John J	Marion	La Rue	Merchant.
Howard, N M	Lucas	Toledo	Commission Merch't.
Hume, H	Shelby	Sidney	Farmer.
Jones, John S	Delaware	Delaware	Attorney-at-Law.
Kerr, S C	Columbiana	Salineville	Farmer.
King, David S	Clinton	Port William	Farmer.
Kirchner, Frank	Hamilton	Cincinnati	Contractor.
Koons, William M	Knox	Mt. Vernon	Attorney-at-Law.
Leggett, Thomas	Carroll	Leesville	Farmer.

Names.	Counties.	Post-Office.	Occupation.
Letcher, William	Williams	Bryan	Attorney-at-Law.
Leey, Avan D	Medina	River Styx	Attorney at Law.
Locke, John F	Madison	London	Attorney at Law.
Long, Washington	Darke	Versailles	Farmer.
Marsh, A. D	Mercer	Celina	Attorney-at Law.
Mi likan William	Fayette	Washington C. H	Editor and Publisher.
Moore, Alfred	Pike	Pikeron	Farmer.
Moore, Thomas W	Washington	Harmar	Farmer and Merch't.
Morrey, J hn C	Morgan	Chester Hill	Merchant.
McCorkey, Nathan M	Clarke	Catawba	Farmer.
McCrory, R B	Richland	Mansfield	Attorney-at Law.
McCullough, M. H	Allen	Lima	Farmer & R'l Est. Agt
Negley, Charles	Darke	Union City	Horse Dealer.
Paine, James B	Jackson	Jackson	Attorney-at-Law.
Palmer, L A	Cuyahoga	Rockport	Farmer.
Patton, Benjamin	Defiance and Paulding	Hicksville	Farmer.
Pearl, Addison H	Erie	Berlin Heights	Farmer.
Porter, Henry H	Tuscarawas	Port Washington	Attorney-at Law.
Price, Robert	Muskingum	Zanesville	Contractor and B'lder.
Pugsley, J J	Highland	Hillsboro	Lawyer and Farmer.
Ray, D Gano	Hamilton	(Mt. Auburn), C n	Attorney-at-Law.
Reed William H	Ross	Chillicothe	Lumber Merchant.
Reed, E A	Trumbull	Vernon	Farmer
Reese, Benjamin	Franklin	Columbus	Farmer.
Riner, James W	Van Wert	Van Wert	Surveyor.
Robinson, Aaron B	Union	Marysville	Attorney-at-Law.
Sawyer, L C	Auglaize	St Mary's	Attorney-at-Law.
Scott, Thomas B	Jefferson	Mingo	Farmer.
Scott, James	Warren	Lebanon	Physician.
Sharpe, Robert S	Fairfield	Sugar Grove	Farmer.
Smith, Henry R	Noble	Saratoville	Minister of the Gospel.
Snyder, Thomas C	Stark	Waynesburg	Manufacturer.
Spetnagle, Theodore	Ross	Chillicothe	Banker.
Steward, G W	Monroe	Jerusalem	Physician.
Striker, Peter	Hamilton	Cincinnati	Retired Brick Mason.
Stubbs, D. C	Preble	West Elkton	Farmer.
Sullivan, Samuel	Miami	Tadmor	Farmer.
Thorp, Freeman	Ashtabula	Geneva	Artist.
Townshend, Charles	Athens	Athens	Attorney-at law.
Tyler, J. L	Licking	Newark	Farmer.
Tyler, W D	Wyandot	Upper Sandusky	Attorney at Law.
Vallandigham, C. N	Montgomery	Dayton	Attorney-at Law.
Vaughn, Lewis	Hamilton	Cincinnati	Merchant.
Wallace, W. F	Franklin	Columbus	Attorney-at-Law.
Walker, James	Logan	Bellefontaine	Attorney-at Law.
Ward, Columbus P	Vinton	McArthur	Merchant.
Wetmore, William H	Wood	Haskins	Farmer.
Wheeler, William H	Hancock	Findlay	Merchant.
Williams, Geo W	Hamilton	Cincinnati	Attorney-at Law.
Williamson, John A	Huron	Norwalk	Attorney-at-Law.
Wilson, Thomas H	Mahoning	Youngstown	Banker.
Wolf, S S	Hocking	South Perry	Farmer.
Yates, David R	Pickaway	Williamsport	Farmer.
Young, Sutton E	Hardin	Kenton	Attorney-at-Law.

APPORTIONMENT—GENERAL ASSEMBLY OF OHIO—1871—1881.

HOUSE OF REPRESENTATIVES.

POPULATION OF STATE, *2,665,118; RATIO, 26,651; ONE HALF RATIO, 13,326; ONE AND THREE-FOURTHS RATIOS, 46,639; TWO FULL RATIOS, 53,302.

Counties.	Population.	Fraction over full ratio.	Fraction multiplied by five.	Number added on account of fraction.	Terms.					Total for the decade—1871-1881.
					1st.	2d.	3d.	4th.	5th.	
Adams	20,750				1	1	1	1	1	5
Allen	23,623				1	1	1	1	1	5
Ashland	21,933				1	1	1	1	1	5
Ashtabula	32,518	5,867	29,335	1	1	1	1	1	2	6
Athens	21,872				1	1	1	1	1	5
Auglaize	20,040				1	1	1	1	1	5
Belmont	39,715	13,064	65,620	2	1	1	2	2	1	7
Brown	30,802	4,151	20,755		1	1	1	1	1	5
Butler	39,912	13,261	66,305	2	1	1	2	2	1	7
Carroll	14,491				1	1	1	1	1	5
Champaign	24,188				1	1	1	1	1	5
Clarke	32,070	5,419	27,095	1	1	1	1	1	2	6
Clermont	34,269	7,618	38,090	1	1	1	1	1	2	6
Clinton	21,915				1	1	1	1	1	5
Columbiana	38,299	11,648	58,240	2	1	1	2	2	1	7
Coshocton	23,600				1	1	1	1	1	5
Crawford	25,556				1	1	1	1	1	5
Cuyahoga†	132,012	25,408	127,040	4	5	5	5	5	4	24
Darke	32,131	5,480	27,400	1	1	1	1	1	2	6
Defiance ..15,719 } Paulding...8,544 }	24,263				1	1	1	1	1	5
Delaware	25,175				1	1	1	1	1	5
Erie	28,188	1,537	7,685		1	1	1	1	1	5
Fairfield	31,139	4,488	22,440		1	1	1	1	1	5
Fayette	17,170				1	1	1	1	1	5
Franklin‡	63,019	9,117	48,585	1	2	2	2	2	3	11
Fulton	17,879				1	1	1	1	1	5
Gallia	25,545				1	1	1	1	1	5
Geauga	14,200				1	1	1	1	1	5
Greene	28,052	1,401	7,005		1	1	1	1	1	5
Guernsey	23,798				1	1	1	1	1	5
Hamilton‖	260,370	20,511	102,555	3	10	10	10	9	9	48
Hancock	23,847				1	1	1	1	1	5
Hardin	18,714				1	1	1	1	1	5
Harrison	18,682				1	1	1	1	1	5
Henry	14,028				1	1	1	1	1	5
Highland	29,103	2,452	12,260		1	1	1	1	1	5
Hocking	17,925				1	1	1	1	1	5
Holmes	18,178				1	1	1	1	1	5
Huron	28,532	1,881	9,405		1	1	1	1	1	5
Jackson	21,759				1	1	1	1	1	5
Jefferson	29,188	2,537	12,685		1	1	1	1	1	5
Knox	26,333				1	1	1	1	1	5

Counties.	Population	Fraction over full ratio.	Fraction multiplied by five.	Number added on account of fraction.	Terms.					Total for the decade—1871-1881.
					1st.	2d.	3d.	4th.	5th	
Lake	15,935	.....	.....	.....	1	1	1	1	1	5
Lawrence	31,380	4,729	23,645	.....	1	1	1	1	1	5
Licking	36,122	9,471	47,355	1	1	1	1	1	2	6
Logan	23,028	.....	.....	.....	1	1	1	1	1	5
Lorain	30,308	3,657	18,285	.....	1	1	1	1	1	5
Lucas	46,783	.....	.....	.....	2	2	2	2	2	10
Madison	15,633	.....	.....	.....	1	1	1	1	1	5
Mahoning	31,001	4,350	21,750	.....	1	1	1	1	1	5
Marion	16,184	.....	.....	.....	1	1	1	1	1	5
Medina	20,092	.....	.....	.....	1	1	1	1	1	5
Meigs	31,465	4,814	24,070	.....	1	1	1	1	1	5
Mercer	17,254	.....	.....	.....	1	1	1	1	1	5
Miami	32,740	6,089	30,445	1	1	1	1	1	2	6
Monroe	25,780	.....	.....	.....	1	1	1	1	1	5
Montgomery ‖	64,006	10,701	53,520	2	2	2	3	3	2	12
Morgan	20,363	.....	.....	.....	1	1	1	1	1	5
Morrow	18,583	.....	.....	.....	1	1	1	1	1	5
Muskingum	44,887	18,236	91,180	3	2	2	2	1	1	8
Noble	19,949	.....	.....	.....	1	1	1	1	1	5
Ottawa	13,361	.....	.....	.....	1	1	1	1	1	5
Perry	18,453	.....	.....	.....	1	1	1	1	1	5
Pickaway	24,875	.....	.....	.....	1	1	1	1	1	5
Pike	15,441	.....	.....	.....	1	1	1	1	1	5
Portage	24,577	.....	.....	.....	1	1	1	1	1	5
Preble	21,809	.....	.....	.....	1	1	1	1	1	5
Putnam	17,083	.....	.....	.....	1	1	1	1	1	5
Richland	32,516	5,865	29,325	1	1	1	1	1	2	6
Ross	37,097	10,446	52,230	1	1	1	1	1	2	6
Sandusky	25,504	.....	.....	.....	1	1	1	1	1	5
Scioto	29,302	2,651	13,255	.....	1	1	1	1	1	5
Seneca	30,828	4,177	20,885	.....	1	1	1	1	1	5
Shelby	20,748	.....	.....	.....	1	1	1	1	1	5
Stark	52,508	.....	.....	.....	2	2	2	2	2	10
Summit	34,674	8,023	40,115	1	1	1	1	1	2	6
Trumbull	38,659	12,008	60,040	2	1	1	2	2	1	7
Tuscarawas	33,840	7,189	35,945	1	1	1	1	1	2	6
Union	18,730	.....	.....	.....	1	1	1	1	1	5
Van Wert	15,824	.....	.....	.....	1	1	1	1	1	5
Vinton	15,027	.....	.....	.....	1	1	1	1	1	5
Warren	26,690	39	195	.....	1	1	1	1	1	5
Washington	40,609	13,958	67,790	2	1	1	2	2	1	7
Wayne	35,082	8,431	42,155	1	1	1	1	1	2	6
Williams	20,991	.....	.....	.....	1	1	1	1	1	5
Wood	24,596	.....	.....	.....	1	1	1	1	1	5
Wyandot	18,554	.....	.....	.....	1	1	1	1	1	5

* Actual population, 2,665,260. Apportionment was made before official count was received from Washington.

† Fraction over four full ratios.

‡ Fraction over two full ratios.

‖ Fraction over nine full ratios.

APPORTIONMENT—SENATE.

POPULATION OF STATE, 2,655,118; FULL RATIO, 76,146; THREE-FOURTHS RATIO, 57,110

Districts.	Counties.	Population.	Population of district.	Fraction over full ratio.	Fraction multiplied by five.	Number entitled to fraction.	Terms. 1st	2d	3d	4th	5th.	Total.
1	Hamilton	260,470	260,370	*31,932	159,650	2	3	3	4	4	3	17
2	Butler	30,911										
	Warren	26,098	66,602	.....	.....	..	1	1	1	1	1	5
3	Montgomery	64,066										
	Preble	21,709	85,815	9,669	48,345	...	1	1	1	1	1	5
4	Clermont	34,269										
	Brown	30,802	65,071	.....	.....	...	1	1	1	1	1	5
*5	Greene	25,052										
	Union	21,915										
	Fayette	17,170	67,137	.....	.....	...	1	1	1	1	1	5
6	Highland	29,103										
	Ross	37,097	66,200	.....	.....	...	1	1	1	1	1	5
7	Adams	20,750										
	Pike	15,451										
	Scioto	29,102										
	Jackson	21,799	87,252	11,106	55,530	...	1	1	1	1	1	5
8	Lawrence	31,480										
	Gallia	25,645										
	Meigs	31,405										
	Vinton	14,927	103,417	27,271	136,355	1	1	1	1	1	2	6
9	Athens	31,572										
	Hocking	17,940										
	Fairfield	31,439	70,951	.....	.....	...	1	1	1	1	1	5
10	Franklin	63,049										
	Pickaway	24,575	87,624	11,758	58,740	..	1	1	1	1	1	5
11	Clarke	32,070										
	Champaign	24,468										
	Madison	14,633	71,891	.....	.....	...	1	1	1	1	1	5
12	Miami	32,740										
	Darke	32,131										
	Shelby	20,748	85,619	9,473	47,365	...	1	1	1	1	1	5
13	Logan	23,025										
	Union	15,730										
	Marion	16,184										
	Hardin	15,714	76,656	510	2,550	...	1	1	1	1	1	5
14	Washington	40,609										
	Morgan	20,968										
	Noble (part)	9,970	70,947	.....	.....	...	1	1	1	1	1	5
15	Muskingum	44,887										
	Perry	14,453	63,340	.....	.....	....	1	1	1	1	1	5

Districts.	Counties.	Population.	Population of district.	Fraction over full ratio.	Fraction multiplied by five.	Number entitled for fractions	Terms					Total.
							1st	2d.	3d.	4th	5th	
16	Delaware ...	25,175										
	Licking	36,122	61,297	.....	.....		1	1	1	1	1	5
17	Knox	26,333										
	Morrow	18,573										
and	Total 17th dis	44,906	98,176	22,030	110,150	1	1	1	1	1	2	6
28	Wayne	35,092										
	Holmes	18,175										
	Total 28th dis	53,267										
18	Coshocton ...	23,100										
	Tuscarawas .	34,340	57,440	.....	.....		1	1	1	1	1	5
19	Guernsey	24,795										
	Monroe	25,780										
	Noble (part).	9,974	59,552	.....	.....		1	1	1	1	1	5
20	Belmont	39,710										
	Harrison ...	18,682	58,392	.....	.....		1	1	1	1	1	5
21	Carroll	14,491										
	Stark	52,508	66,999	.....	.....		1	1	1	1	1	5
22	Jefferson	29,188										
	Columbiana ..	38,299	67,487	.....	.....		1	1	1	1	1	5
23	Trumbull ...	38,659										
	Mahoning ...	31,001	69,660	.....	.....		1	1	1	1	1	5
24	Ashtabula ...	32,515										
	Lake	15,944										
	Geauga	14,200	62,659	.....	.....		1	1	1	1	1	5
25	Cuyahoga ...	132,012	132,012	55,866	279,330	3	2	2	2	1	1	8
26	Portage	24,577										
	Summit	34,674	59,251	.....	.....		1	1	1	1	1	5
27	Medina	20,092										
	Lorain	30,505										
and	Total 27th dis	50,600	104,849	28,703	143,515	1	1	1	1	1	2	6
29	Ashland	21,933										
	Richland	32,516										
	Total 29th dis	54,449										
30	Huron	28,532										
	Erie	28,188										
	Sandusky	25,504										
	Ottawa	13,361	95,585	19,439	97,195	1	1	1	1	1	2	6

APPORTIONMENT—SENATE—Continued.

Districts.	Counties.	Population.	Population of district.	Fraction over full ratio.	Fraction multiplied by five.	Number added for fraction.	Terms.					Total.
							1st.	2d.	3d.	4th.	5th.	
31	Seneca	30,828										
	Crawford	25,566										
	Wyandot	18,554										
			74,938	.....	.....	....	1	1	1	1	1	5
32	Allen	23,623										
	Auglaize	20,040										
	Defiance	17,719										
	Mercer	17,254										
	Paulding	8,544										
	Van Wert	15,824										
	Williams	20,991										
			121,995	45,849	229,245	3	2	2	2	1	1	8
33	Fulton	17,789										
	Hancock	23,847										
	Henry	14,028										
	Lucas	46,783										
	Putnam	17,083										
	Wood	24,596										
			144,126	67,980	339,900	4	2	2	2	2	1	9

*Fraction over three full ratios.

ROSTER

OF

COUNTY OFFICERS.

COUNTY OFFICERS.

Counties.	County seats.	Probate Judges.	Clerks of Courts.
Adams	West Union	Richard W. McNeal	John P. Leedom.
Allen	Lima	George W. Overmeyer	Daniel L Crites.
Ashland	Ashland	John Taylor	John E. McCray.
Ashtabula	Jefferson	E J. Betts	C. H Simonds.
Athens	Athens	Thomas L. Minturn	George W. Baker.
Auglaize	Wapakoneta	John McLain	Thomas B. Baker.
Belmont	St. Clairsville	Thomas Cochran	Alexander C. Darrah.
Brown	Georgetown	John P. Biehn	John Lafabre.
Butler	Hamilton	Benjamin F. Thomas	Barton F. James.
Carroll	Carrollton	C. C Adams	Richard H. Fouts.
Champaign	Urbana	David W. Todd	Joseph M. Mailland.
Clarke	Springfield	John C. Miller	Edward P. Torbert.
Clermont	Batavia	Perry J. Nichols	H. B Matton.
Clinton	Wilmington	John Matthews	M. R Higgins.
Columbiana	New Lisbon	William G. Wells	William Monaghan.
Coshocton	Coshocton	Alexander Hanlon	Israel Dillon.
Crawford	Bucyrus	Shannon Clements	David C Cahill.
Cuyahoga	Cleveland	Daniel R. Tilden	Wilbur F. Hinman.
Darke	Greenville	John A. Jobes	Wesley Gorsuch.
Defiance	Defiance	Jacob J. Greene	John D Lamb.
Delaware	Delaware	F. B. Sprague	John Chapman.
Erie	Sandusky City	A. E Merrill	William J. Affleck.
Fairfield	Lancaster	S Theodore Shaffer	George W Graybill.
Fayette	Washington C.H	John B Priddy	Elmer Welsheimer.
Franklin	Columbus	John T. Gale	Harvey Cashatt.
Fulton	Wauseon	Levi W. Brown	Albert B Smith.
Gallia	Gallipolis	S D Cowden	John L. Guy.
Geauga	Chardon	Henry K. Smith	William N Keeny.
Greene	Xenia	James W. Harper	John Orr.
Guernsey	Cambridge	Newell Kennon	John P. Mehaffy.
Hamilton	Cincinnati	Isaac B Matson	Lewis G Bernard.
Hancock	Findlay	Sylvester J. Siddall	Henry H Louthan.
Hardin	Kenton	John R. Selders	Joseph Timmons.
Harrison	Cadiz	Amon Lemmon	A. W. Scott.
Henry	Napoleon	James G. Haly	Oscar E. Barnes.
Highland	Hillsborough	George B. Gardner	J. Martin Hughey.
Hocking	Logan	Augustus Steinman	John Hansen.
Holmes	Millersburg	W. C. McDowell	R. W. Tannyhill.
Huron	Norwalk	Daniel H. Fox	S T. A. Vansciver.
Jackson	Jackson	John I. C. Evans	W. H. Horton
Jefferson	Steubenville	Joseph W. Jordan	Thomas B. Coulter.
Knox	Mt. Vernon	Charles E Critchfield	Samuel J. Brent.
Lake	Painesville	George H Shepherd	Franklin Paine, Jr.
Lawrence	Ironton	George W. Thompson	William A. Belcher.
Licking	Newark	George M. Grasser	A R Brown.
Logan	Bellefontaine	R. E Pettit	George H. Allen.
Lorain	Elyria	L. B Smith	Henry J. Lewis
Lucas	Toledo	Isaac R. Sherwood	M. J. Enright.
Madison	London	Oliver P. Crabb	A. A. Nume.
Mahoning	Youngstown	Leroy D. Thoman	Henry B Shields
Marion	Marion	John H. Matthews	Amaziah H Hord.
Medina	Medina	Albert Munson	George Hayden.
Meigs	Pomeroy	R. H. Prewster	W. A Race.
Mercer	Celina	David J. Roop	Theoph. G Touvelle.
Miami	Troy	Wm. C. Johnson	J. W. Cruikshank.
Monroe	Woodsfield	Richard K Walton	Joel T. Judkins.
Montgomery	Dayton	John L. H. Frank	John S. Robertson.
Morgan	McConnelsville	Newell Corner	William H Leeper.
Morrow	Mt. Gilead	William D. Matthe s	Daniel L. Chase.
Muskingum	Zanesville	Henry L. Korte	Frederick Geiger.
Noble	Caldwell	John H. Brown	Henley E. Peters.
Ottawa	Port Clinton	J. H. H. Vithoff	William E. Bense.
Paulding	Paulding	B. L. Wentworth	Joseph B. Cromley.

Counties.	County seats.	Probate Judges.	Clerks of Courts.
Perry	New Lexington	John H. Kelly	John H. Marlow.
Pickaway	Circleville	Henry N. Hedges	Peter W. Brown.
Pike	Waverly	George Kerns	John P. Douglass.
Portage	Ravenna	Gideon Seymour	John Mehary.
Preble	Eaton	Andrew L. Harris	John Townsend.
Putnam	Ottawa	S. S. Bacon	J. J. Zeller.
Richland	Mansfield	Eckels McCoy	Thomas T. Dill.
Ross	Chillicothe	Benjamin F. Stone	Edwin W. Pearson.
Sandusky	Fremont	E. F. Dickinson	B. C. Winters.
Scioto	Portsmouth	H. C. Turkey	Robert Bell.
Seneca	Tiffin	Jacob F. Bunce	Jeremiah Rex.
Shelby	Sidney	William C. Wyman	Dennis Mulvihill.
Stark	Canton	A. W. Heldenbrand	John T. Hays.
Summit	Akron	S. C. Williamson	Samuel Nash.
Trumbull	Warren	Wilbur A. Reeves	Oscar A. Caldwell.
Tuscarawas	New Philadelphia	Alexander H. Brown	Jacob Degrief.
Union	Marysville	John B. Coats	W. M. Wright.
Van Wert	Van Wert	W. H. Mosure	George W. Day
Vinton	McArthur	Joseph Kaler	John C. Cooney.
Warren	Lebanon	Joseph W. O'Neall	Lot Wright.
Washington	Marietta	Cornelius F. Frazyer	Christian H. Etz.
Wayne	Wooster	John P. Jeffries	George Power.
Williams	Bryan	Martin Perkey	W. H. Chilcote.
Wood	Bowling Green	John Reed	W. S. Eberly.
Wyandot	Upper Sandusky	Joel W. Gibson	Robert D. Dumm.

COUNTY OFFICERS—Continued.

Counties.	County seats.	Sheriffs.	Prosecuting Attorneys.
Adams	West Union	J. K. Pollard	Henry Collings.
Allen	Lima	John Franks	H. S. Prophet.
Ashland	Ashland	Joseph Moore	George B. Smith.
Ashtabula	Jefferson	A. W. Stiles	E. B. Leonard.
Athens	Athens	P. Carpenter	L. M. Jewett.
Auglaize	Wapakoneta	Frederick Kohler	Fernando C. Van Anda
Belmont	St. Clairsville	Samuel Hilles	Robert M. Eaton.
Brown	Georgetown	John Carrigan	John Moore.
Butler	Hamilton	Marcellus Thomas	James E. Campbell.
Carroll	Carrollton	David E. Roatch	Harvey J. Eckley.
Champaign	Urbana	Samuel C. Bosler	John F. Gowey.
Clarke	Springfield	Elijah G. Coffin	George C. Rawlins.
Clermont	Batavia	Leonard Teasdale	John J Howard.
Clinton	Wilmington	William E. Kenrick	E. J. West.
Columbiana	New Lisbon	William M. Hostetter	John McVicker.
Coshocton	Coshocton	Jacob Severns	T. H. Ricketts.
Crawford	Bucyrus	John A. Schaber	George W. Zeigler.
Cuyahoga	Cleveland	John M. Wilcox	John C. Hutchins.
Darke	Greenville	John W. Hall	Henry Calkins.
Defiance	Defiance	Henry Schmick	Charles E. Bronson.
Delaware	Delaware	Wm. H. Cuklee	Henry S. Culver.
Erie	Sandusky City	Merrill L. Starr	Herman Okly.
Fairfield	Lancaster	George W. See	Thomas H. Dolson.
Fayette	Washington C. H.	Oswald Smith	A. Gregg.
Franklin	Columbus	Josiah Kinnear	Wm. J. Clarke.
Fulton	Wauseon	Harvey L. Aldrich	Henry H. Ham.
Gallia	Gallipolis	Charles Stuart	Charles W. White.
Geauga	Chardon	Silo P. Warriner	Newton H. Bostwick.
Greene	Xenia	James McCann	Thomas L. Magruder.
Guernsey	Cambridge	James M. McKittrick	Jacob C. Steele.
Hamilton	Cincinnati	George Weber	Lewis W. Erwin.
Hancock	Findlay	P. C. Tritch	Samuel H. Drew.
Hardin	Kenton	George W. Darst	Sutton E. Young.
Harrison	Cadiz	Emanuel Howard	John C. Givin.
Henry	Napoleon	George Dunne	Martin Knapp.
Highland	Hillsborough	W. C. Newell	J. M. Dumenil.
Hocking	Logan	James N. Acker	Alexander H. Wilson
Holmes	Millersburg	A. B. Gonser	Elijah J. Duer.
Huron	Norwalk	Parlee C. Breckenridge	Wm. B. Wolverton.
Jackson	Jackson	Ezekiel T. Jones	Charles A. Atkinson.
Jefferson	Steubenville	Alexander Smith	Walter C. Ong.
Knox	Mt. Vernon	John F. Gay	Frank Moore.
Lake	Painesville	Charles F. Morley	Clinton D. Clarke.
Lawrence	Ironton	Lorenzo D. Markin	John Hamilton.
Licking	Newark	Allen T. Howland	Asbury B. Barrick.
Logan	Bellefontaine	John M. McCracken	George W. Emerson.
Lorain	Elyria	Robert E. Corning	George P. Metcalf.
Lucas	Toledo	Samuel S. Linton	Morgan W. Odell.
Madison	London	Wm. Jones	John F. Locke.
Mahoning	Youngstown	James B. Drake	M. Johnston.
Marion	Marion	Silas A. Guthrie	B G. Young.
Medina	Medina	Charles E. Parmelee	J. T. Groves.
Meigs	Pomeroy	Henry Warren	Ira Graham.
Mercer	Celina	John G. Blake	Stephen A. Armstrong
Miami	Troy	Daniel C. Miller	Calvin D. Wright.
Monroe	Woodsfield	Wm. Reed	John P. Spriggs.
Montgomery	Dayton	Andrew C. Nixon	John M. Spr.gg.
Morgan	McConnelsville	John S Dunn	J. A. Ivers.
Morrow	Mt. Gilead	Dewitt C. Sanford	Charles W. Allison.
Muskingum	Zanesville	Orrin Ballou	John R. Stonesipher.
Noble	Caldwell	Freeman C. Thompson	James M. McGinnis.

Counties.	County seats.	Sheriffs.	Prosecuting Attorneys.
Ottawa	Port Clinton	Reuben Grant	George W. Keightley.
Paulding	Paulding	Jasper A. Ferguson	Medary D. Mann.
Perry	New Lexington	Henry Martin	Joseph G. Huffman.
Pickaway	Circleville	Chase F. Hartmeyer	Charles J. Delaplaine.
Pike	Waverly	Philip Buchert	Sidney A. Steadman.
Portage	Ravenna	Benjamin F. Keller	Osman S. Ferris.
Preble	Eaton	Wm. H. Snyder	Winfield Freeman
Putnam	Ottawa	Josiah Markley	James T. Leutzy.
Richland	Mansfield	James Ritchey	John C. Burns.
Ross	Chillicothe	Thomas L. Mackey	Albert Douglas, Jr.
Sandusky	Fremont	Charles F. Pohlman	John F. Garver.
Scioto	Portsmouth	Thomas J. Pursell	H. W. Farnham.
Seneca	Tiffin	Lloyd Lease	Gerard B. Keppel.
Shelby	Sidney	Alexander Ramsey	George A. Marsh.
Stark	Canton	John P Rauch	Robert S. Shields.
Summit	Akron	Samuel Lane	Edward W. Stuart.
Trumbull	Warren	Sidney F. Bartlett	Thomas J. Gilmer.
Tuscarawas	New Philadelphia	Joseph S. Lyons	Jasper H. Mitchell
Union	Marysville	Justus J. Miller	P. L. Woodburn.
Van Wert	Van Wert	Jesse R. Stilth	Wm H. Cunningham.
Vinton	McArthur	Wm. Cottrell	Charles L. White.
Warren	Lebanon	Jasper M. Johnson	D. Allen.
Washington	Marietta	Wm. F. Steadman	Frank F. Oldham.
Wayne	Wooster	Wm. Coulter	Peter Buehl.
Williams	Bryan	George C. Kober,	Robert A. Scott.
Wood	Bowling Greeen	Henry Orrin	Frank A. Baldwin.
Wyandot	Upper Sandusky	John M. Houston	Moses H. Kirby.

COUNTY OFFICERS—Continued.

Counties.	County seats.	Auditors.	Treasurers.
Adams	West Union	Robert H. Ellison	Henry Corner.
Allen	Lima	Samuel D. Chambers	David East.
Ashland	Ashland	Elias J. Grosscup	George A. Ullman.
Ashtabula	Jefferson	W. H. Crowell	S H Cook.
Athens	Athens	A. W. S. Minear	Augustus J Frame.
Auglaize	Wapakoneta	Jerome L. McFarland	Theodore Dickman.
Belmont	St. Clairsville	Wm N. Coffland	Hamilton Eaton.
Brown	Georgetown	Enoch E. Roney	Enos B. Fee.
Butler	Hamilton	S. B. Berry	H H. Jones.
Carroll	Carrollton	A. L. Billman	Wm. Tripp.
Champaign	Urbana	J. M. Fitzpatrick	James S. Blose.
Clarke	Springfield	Q A. Petts	John W. Parsons.
Clermont	Batavia	M. J. W. Holter	Joseph Bicking.
Clinton	Wilmington	Augustus H. Haines	Thomas J. Garland.
Columbiana	New Lisbon	Stacy Pettit	Wm. G. Bentley.
Coshocton	Coshocton	Wm Wolfe	John Wagner.
Crawford	Bucyrus	James H. Robinson	Christian H. Shonert.
Cuyahoga	Cleveland	Levi F. Bauder	Moses G Watterson.
Darke	Greenville	John C. Turpen	Amos Hahn.
Defiance	Defiance	Wm. A. Slough	Adam Minsel.
Delaware	Delaware	Stephen C Conrey	John H. Warren.
Erie	Sandusky City	Ebeuezer Merry	Reuben Turner.
Fairfield	Lancaster	Ephraim Ackers	Henry A. Martins.
Fayette	Washington C. H.	Thomas J Lindsey	Eli Craig.
Franklin	Columbus	Emil Kiesewetter	Philip W. Corzilius.
Fulton	Wauseon	Isaac Springer	Jacob M. Longnecker.
Gallia	Gallipolis	Joseph Strafford	Wm. W Martindale.
Geauga	Chardon	Wm. Howard	Simeon L. Chapman.
Greene	Xenia	Andrew S. Frazer	Lester Arnold.
Guernsey	Cambridge	Wm. E Boden	John S. Wilkins.
Hamilton	Cincinnati	W. S. Cappeller	John G. Fratz.
Hancock	Findlay	Joseph R. Kagy	Samuel Howard.
Hardin	Kenton	Jasper N Welsch	David P. Stevenson.
Harrison	Cadiz	Thomas W. Giles	W. B. Pumphrey.
Henry	Napoleon	Homer L. Ennis	John C. McLain.
Highland	Hillsborough	E. M. DeBruin	W. S. Patterson.
Hocking	Logan	Wm. W. England	Noel N. Hamblin.
Holmes	Millersburg	Hosack Reed	John Sharp. Jr.
Huron	Norwalk	Henry W. Owen	Oliver W. Williams.
Jackson	Jackson	Thomas W. Patterson	James R. Hunter.
Jefferson	Steubenville	John Moore	John C. Browne.
Knox	Mt. Vernon	Alexander Casail	Thomas Obbert.
Lake	Painesville	Benjamin D. Cheney	Henry H. Coe.
Lawrence	Ironton	Mark S. Bartram	John Snyder.
Licking	Newark	Corrington S. Brady	W. Newell Fulton.
Logan	Bellefontaine	John H Stewart	Wm. H. Chandler.
Lorain	Elyria	Orrville Root	Wm. A. Braman.
Lucas	Toledo	John Paul Jones	Elijah B. Hall.
Madison	London	Mellville M. Thomas	Elias R. Florence.
Mahoning	Youngstown	James B. Hughes	Alexander Dickson.
Marion	Marion	James S. Bell	Peter Beerbower.
Medina	Medina	S. L. Dyer	F. B. Clark.
Meigs	Pomeroy	George P. Sanford	B. M. Skinner.
Mercer	Celina	Joseph V. Sidenbender	Herman H. Pulskamp.
Miami	Troy	Charles C. Barnett	John H. McCurdy.
Monroe	Woodsfield	Stephen A Atkinson	John Gatchell.
Montgomery	Dayton	Frederick Schutte	Jonathan Kemey.
Morgan	McConnelsville	Francis Kahler	Wm. C. Snively.
Morrow	Mt. Gilead	Simon Rosenthal	John G. Russell.
Muskingum	Zanesville	James T. Irvine	George W. Allen.
Noble	Caldwell	Daniel Newhart, Jr	George Wyscarver.

Counties.	County seats.	Auditors.	Treasurers.
Ottawa	Port Clinton	John W. Mizener	Elias Lay.
Paulding	Paulding	Charles Hakes	S. G. Robertson.
Perry	New Lexington	Orrin Thacker	Noah Karr.
Pickaway	Circleville	Frank M. Schulze	John L. Seal.
Pike	Waverly	Van H. Bond	John Rader.
Portage	Ravenna	Wm. Grinnell	Nathan H. Smith.
Preble	Eaton	Samuel Oldfather	Samuel S. Dix.
Putnam	Ottawa	Lewis Lehmkuhle	Hugh L McDowell.
Richland	Mansfield	Marion D. Ward	Merchant Carter.
Ross	Chillicothe	Frank J. Esker	Stanislaus Burkley.
Sandusky	Fremont	Adam Hodes	Elias Moore.
Scioto	Portsmouth	W. H. H. Cadot	B. R. Miles.
Seneca	Tiffin	Victor J. Zahm	John W. Barrack.
Shelby	Sidney	Orlando O. Mathers	Joseph S. Laughlin.
Stark	Canton	Wm. A. Creech	Timothy Sullivan.
Summit	Akron	Edward Buckingham	Viele H. Clarence.
Trumbull	Warren	Ralza C. Rice	Timothy W. Case.
Tuscarawas	New Philadelphia	Abraham R. Holmes	John A. Wagner.
Union	Marysville	W. L. Curry	George W. Court.
Van Wert	Van Wert	Wm. T. Exline	James Montgomery.
Vinton	McArthur	John T. Foreman	Thomas H. Craig.
Warren	Lebanon	Charles W. Randall	Martin A. Jameson.
Washington	Marietta	Benjamin J. McKinney	Wm. R. Goddard.
Wayne	Wooster	John Bruce Wilson	Lewis P. Ohliger.
Williams	Bryan	George Rings	Elisha M. Ogle.
Wood	Bowling Green	Samuel Case	A. M. Russel.
Wyandot	Upper Sandusky	Landline Smith	George W. Biles.

COUNTY OFFICERS—Continued.

Counties.	County seats.	Recorders.	Surveyors.
Adams	West Union	James R. Stevenson	Allen V. Hutson.
Allen	Lima	Henry H. Heman	David D. Nicholas.
Ashland	Ashland	John P. M. Goodman	John B. Weddell.
Ashtabula	Jefferson	E. F. Mason	J. A. Fickinger.
Athens	Athens	Josiah B. Allen	John Ackley.
Auglaize	Wapakonata	Henry Ruch	Samuel Craig.
Belmont	St. Clairsville	James A. Barnes	Chalkley Dawson.
Brown	Georgetown	Grandison Pinchard	H. L Vance.
Butler	Hamilton	Alexander Getz	John C. Weaver.
Carroll	Carrollton	W. M. Hagerman	Eli D. Shaw.
Champaign	Urbana	Michael A. Jordan	Charles W. L. Taylor.
Clarke	Springfield	Ashley Bradford	Chandler Robbins.
Clermont	Batavia	M. A. Wood	C. S. Miller.
Clinton	Wilmington	William O. Halloway	David Wickersham.
Columbiana	New Lisbon	James Atchison	John B. Strong.
Coshocton	Coshocton	John M. Crawford	George Miller.
Crawford	Bucyrus	Daniel O. Castle	Frank L. Plants.
Cuyahoga	Cleveland	Asa M. Van Sickle	Clarence H. Burgess.
Darke	Greenville	P. H. Maher	Eli Armacost.
Defiance	Defiance	Wm. E. Carpenter	Thomas S. Wright.
Delaware	Delaware	Abel Rawn	L B Denison.
Erie	Sandusky City	Wm. A. Fill	Albert W. Judson.
Fairfield	Lancaster	Timothy Fishbaugh	Charles W. Borland.
Fayette	Washington C. H	Z. W. Heagler	James A McLean.
Franklin	Columbus	Nathan Cole	Benjamin F. Bowen.
Fulton	Wauseon	Albert S. Bloomer	Anthony B. Robinson.
Gallia	Gallipolis	Ira W. Booton	James W. Gardner.
Geauga	Chardon	William H. Young	E. S. F. Phelps.
Greene	Xenia	Henry Torence	Levi Riddle.
Guernsey	Cambridge	Hugh B. Hoffman	Robert McKahan.
Hamilton	Cincinnati	Frank Brunner	John H. Welsch.
Hancock	Findlay	Joseph F. Gutzwiler	Edwin Phifer.
Hardin	Kenton	George W. Armstrong	William H. Brown.
Harrison	Cadiz	John S. Graybill	Jacob Jarvis.
Henry	Napoleon	Daniel Hartnett	George E. Webster.
Highland	Hillsborough	John H. Keech	John W. Boyd.
Hocking	Logan	Benjamin White	James Davis
Holmes	Millersburg	John D. Shrimplin	James C. Calhoon.
Huron	Norwalk	Elon G. Boughton	Charles M. Wilcox.
Jackson	Jackson	Enoch H. Lewis	Evan C. Jones.*
Jefferson	Steubenville	Jacob Hull	Henry Lewis.
Knox	Mt. Vernon	Samuel Kunkel	J. N. Headington.
Lake	Painesville	Silas A. Tisdell	Horatio N. Munson.
Lawrence	Ironton	William F. McKnight	John R. C. Brown.
Licking	Newark	J F. Lingafelter	George P. Webb.
Logan	Bellefontaine	John A. Coulter	Walter H. McCormick.
Lorain	Elyria	John Blanchard	Lafayette F. Ward.
Lucas	Toledo	Isaac Head	Charles Shoemaker.
Madison	London	Leonard Eastman	Jonathan Arnett
Mahoning	Youngstown	Thomas H. Ward	Thomas M. Reno.
Marion	Marion	Dallas Day	Isaac Young.
Medina	Medina	Frank R. Mantz	A. D. Sheldon.
Meigs	Pomeroy	John McClure	R. H. Ashworth.
Mercer	Celina	Edward Landfair	Marcus Schuyler.
Miami	Troy	George Green	Henry O. Evans.
Monroe	Woodsfield	James Myers	John E. Miracle.
Montgomery	Dayton	James H. Hall	Frank Snyder
Morgan	McConnelsville	James W. West	Jesse T. Elliott.
Morrow	Mt. Gilead	John B. Gatchell	John T. Buck.
Muskingum	Zanesville	David Zimmer	William Dunn.
Noble	Caldwell	Enoch W. Wickham	William Lowe.
Ottawa	Port Clinton	Charles C. True	Ernst Franck.
Paulding	Paulding	Isaiah Richards	John C. Harris.

Counties.	County seats.	Recorders.	Surveyors.
Perry	New Lexington	George W. Moore	S. C. McCourtney.
Pickaway	Circleville	Josiah B. Valentine	William C. Rowe.
Pike	Waverly	Oliver P. Beekman	J. R. Copeland.†
Portage	Ravenna	Philo Bierce	Jedediah Cole.
Preble	Eaton	Hirman L. Robbins	F. M. Davidson.
Putnam	Ottawa	William Alt	Aaron Oberbeck.
Richland	Mansfield	Jeremiah S. Bollman	John Newman.
Ross	Chillicothe	Edward Cryder	Lorenzo Wesson.
Sandusky	Fremont	James Worst	Michael Putnam
Scioto	Portsmouth	William H. Williams	John B. Gregory.
Seneca	Tiffin	Thomas J. Kintz	Samuel Nighswander.
Shelby	Sidney	A. J. Rebstock	Charles H. Flinn.
Stark	Canton	Patrick L Manley	John H. Hall.
Summit	Akron	Albert A. Bartlett	Robert S. Paul.
Trumbull	Warren	Wells A. Bushnell	Charles W Tyler.
Tuscarawas	New Philadelphia	Daniel Wyse	Oliver H. Hoover.
Union	Marysville	George B. Robison	Frederick J. Sager.
Van Wert	Van Wert	William P. Wolcott	William B. Jones.
Vinton	McArthur	John Finnegan	S. C. Steinbrook.
Warren	Lebanon	H. H. Dunham	Frank A. Born.
Washington	Marietta	James Nixon	Joseph W. Hulbert.
Wayne	Wooster	Jacob Stark	Ezra D. Shreve.
Williams	Bryan	Barrett E. Conkling	James Paul.
Wood	Bowling Green	Robert Dunn	Daniel D. Ames.
Wyandot	Upper Sandusky	Simeon Inman	Jacob Greek.

*Evan C. Jones vice J. D. Brown, resigned.
† J. R. Copeland vice Henry Overman, resigned.

COUNTY OFFICERS—Continued.

Counties.	County seats.	Coroners.	Year when elected.
Adams	West Union	William Wade	1878
Allen	Lima	Elijah Curtis	1877
Ashland	Ashland	Daniel Ambrose	1879
Ashtabula	Jefferson	Freeman A. Tuttle	1879
Athens	Athens	James C. Bowers	1879
Auglaize	Wapakoneta	John A Werst	1878
Belmont	St. Clairsville	Elijah B. Kennedy	1878
Brown	Georgetown	W. S. Norris	1878
Butler	Hamilton	William Spencer	1879
Carroll	Carrollton	David Skeeles	1878
Champaign	Urbana	Samuel M. Mosgrove	1878
Clarke	Springfield	J. L. Coleman	1879
Clermont	Batavia	Elijah V. Downs	1878
Clinton	Wilmington	D. C. Moore	1878
Columbiana	New Lisbon	David Grover	1879
Coshocton	Coshocton	Joseph Burns	1879
Crawford	Bucyrus	Peter Bauer	1878
Cuyahoga	Cleveland	J. F. Isom	1879
Darke	Greenville	William Fanner	1879
Defiance	Defiance	Emory W. Downs	1879
Delaware	Delaware	J. W. N Vogt	1878
Erie	Sandusky City	Edwin Gillard	1879
Fairfield	Lancaster	Thomas R. Torpey	1878
Fayette	Wilmington	Samuel Hooker	1878
Franklin	Columbus	Patrick A. Egan	1879
Fulton	Wauseon	Charles E Bennett	1879
Gallia	Gallipolis	James T. Hanson	1878
Geauga	Chardon	Joseph G. Durfee	1879
Greene	Xenia	Dr. C. M. Galloway	1878
Guernsey	Cambridge	John H. Sarchet	1878
Hamilton	Cincinnati	Anthony L. Carrick	1778
Hancock	Findlay	T. G. Barnhill	1878
Hardin	Kenton	Hiram Kettle	1879
Harrison	Cadiz	John S. McBean	1879
Henry	Napoleon	Henry Woesterfeldt	1879
Highland	Hillsborough	M. M Barrere	1879
Hocking	Logan	Daniel Heft	1879
Holmes	Millersburg	Joshua Stuber	1879
Huron	Norwalk	Robert H. Reynolds	1878
Jackson	Jackson	George L. Monahan	1878
Jefferson	Steubenville	Samuel Stephens	1879
Knox	Mt. Vernon	S. Lewis Baker	1878
Lake	Painesville	Henry M. Mosher	1878
Lawrence	Ironton	Christopher Matthews	1878
Licking	Newark	Fred. Kochendoffer	1878
Logan	Bellefontaine	Philander Jones	1879
Lorain	Elyria	Hiram Patterson	1878
Lucas	Toledo	Frederick Hohly	1879
Madison	London	Americus V. Chrisman	1879
Mahoning	Youngstown	James F. Wilson	1879
Marion	Marion	Dr. John Christian	1878
Medina	Medina	Goodwin Hiram	1878
Meigs	Pomeroy	James H. Hysel	1879
Mercer	Celina	Francis C. LeBlond	1878
Miami	Troy	Ed. N. Kitzmiller	1879
Monroe	Woodsfield	James Anderson	1879
Montgomery	Dayton	James D. Daugherty	1878
Morgan	McConnelsville	Andrew Kahler	1879
Morrow	Mt. Gilead	Stephen Brown	1878

Counties.	County seats.	Coroners.	Year when elected.
Muskingum	Zanesville	Daniel I. Morgan	1879
Noble	Caldwell	James K. Hilton	1879
Ottawa	Port Clinton	David B. Reading	1878
Paulding	Paulding	G. M McCasky	1879
Perry	New Lexington	James Price	1878
Pickaway	Circleville	Jason Case	1878
Pike	Waverly	Adolph Hesse	1879
Portage	Ravenna	Alfred H. Barlow	1878
Preble	Eaton	A. H Stephens	1878
Putnam	Ottawa	Joseph Fournier	1879
Richland	Mansfield	A. J. Erwin	1878
Ross	Chillicothe	John R. Tucker	1878
Sandusky	Fremont	Hemen B. Smith	1879
Scioto	Portsmouth	William Raschig	1879
Seneca	Tiffin	William Smith	1879
Shelby	Sidney	Clay R. Joslin	1879
Stark	Canton	J. Phil. Schilling	1879
Summit	Akron	Almon Brown	1878
Trumbull	Warren	William H. Fox	1879
Tuscarawas	New Philadelphia	George W. Bowers	1878
Union	Marysville	H. McFadden	1878
Van Wert	Van Wert	S. Ergleright	1879
Vinton	McArthur	Lance M. Russell	1878
Warren	Lebanon	George W. Carey	1878
Washington	Marietta	Conrad Kigbaum	1878
Wayne	Wooster	William Lush	1878
Williams	Bryan	Charles Neblong	1878
Wood	Bowling Green	George Mills	1878
Wyandot	Upper Sandusky	Jacob Tribold	1878

COUNTY OFFICERS—Continued.

Counties.	Commissioners.		
	Elected—1877.	Elected—1878.	Elected—1879.
Adams	Richard Moore	Dugald Thompson	Alexander Stewart.
Allen	Marion Clum	W. W. Williams	Jacob Crites.
Ashland	John J. Wolf	Stephen Barruck	McClure Davis.
Ashtabula	Calvin Dodge	W. T. Simonds	Edward P. Baker.
Athens	Elza Armstrong	W. H. Corfman	F. Finsterwald.
Auglaize	William Craft	Daniel Fochet, Jr	J. H. Dunathan.
Belmont	Henry Frasber	Ithamer J. Potts	Owen Whehan.
Brown	William B. West	W. P. Thornton	Jefferson Fite.
Butler	David Sample	J. Wiedenborne	Thomas Slade.
Carroll	Samuel Allen	Charles A. Scott	Clark Marshall.
Champaign	Ed. B. McGarry	Warren D. Sibley	George W. Roberts.
Clarke	Mark Spence	John J. Scaff	Leon H. Houston.
Clermont	Thomas Hodges	Michael Rybolt	J. V. Christy.
Clinton	John A. Moore	John Clarke	Joseph W. Slack.
Columbiana	Hiram Bell	Jacob Vanfossen	Laughlin F. McKenzie.
Coshocton	William Berry	S. M. Daugherty	John C. McBane.
Crawford	John Neuman	Charles Replinger	Lysander M. Waller.
Cuyahoga	George Schlatterback	Josiah N. Hurst	C. P. Jewett.
Darke	George D. Miller	William Archard	Samuel Wilson.
Defiance	Frank N. Harton	Townsend Newton	Levi Colby.
Delaware	Nelson R. Tulley	A. H. Packard	Zenas Harrison.
Erie	Wells W. Miller	Gustavus Graham	George W. Clary.
Fairfield	W. McClenneghan	William Fink	Henry Langle.
Fayette	W. J. Horney	Joshua Mahan	Robt. S. Southerland.
Franklin	Isaac S. Beekey	Daniel Matheny	Thomas Robinson.
Fulton	George Gasche	Richard H. Scott	Charles Blake.
Gallia	Jacob Coughenour	Jacob Riggs	John E. Mills.
Geauga	Orrin M. Barnes	Daniel H. Truman	William W. Weber.
Greene	William Watt	James S. Stevenson	John B. Allen.
Guernsey	Patrick Lochary	Bennet Roseman	Jesse E. Reed.
Hamilton	Joseph M Reardon	John Zumstein	Benjamin F. Hopkins.
Hancock	John Edgington	Louis Luneack	Ross W. Moore.
Hardin	James B. Pumphrey	Moses Kennedy	Samuel Detwiler.
Harrison	Thomas McMillan	Enoch W. Philips	George Love.
Henry	Charles Horning	Daniel Yarnell	Reuben Reiter.
Highland	John Bogart	Franklin Ladd	H. H. Redkey.
Hocking	Abel Carpenter	W. H. Woodruff	Rufus Karshner.
Holmes	Joseph Geisinget	Gerhart Schalliol	Thomas P. Uhl.
Huron	Abram D. Stolts	William W. Stiles	A. C. Williams.
Jackson	John S. McGhee	Pleasant Springer	John Williams.
Jefferson	George Starr	Joseph Beatty	James Ball.
Knox	Moses Dudgeon	Samuel Beeman	John Pouting.
Lake	Joseph Jerome	Edward B. Griswold	P. Barber.
Lawrence	Clinton Forgey	William E. Rowe	Wilbur W. Wiseman.
Licking	Stephen Hoskinson	Allen B. Coffman	Robert Leeding.
Logan	Charles C. Cookston	John Rosebrook	Henry Kelly.
Lorain	Abel D. Perkins	Stowel B Dudley	A. D. Perkins.
Lucas	James Coyle		Henry C. Ely.
Madison	James M. Williard	James Millikin	David Watson.
Mahoning	George Wetsel	Frank McMaster	Josiah H. Blackburn.
Marion	Jacob A. Schaaf	John J. Hane	Samuel Mehaffy.
Medina	F. M. Ashley	Frank Mills	Spencer F. Coilding.
Meigs	Carlisle B. Loughead	Hiram Alkire	B. F. Knight.
Mercer	John Frohn	James B. Snyder	John F. Romer.
Miami	Isaac Clyne	W. H. Northcut	William Johnson.
Monroe	Jacob Affolter, Sr	David Lentz	Jonathan Linellen.
Montgomery	Isaac Bassett	George W. Purcell	Lewis C. Kimmell.
Morgan	George Beel	W. Barkhurst	Luther W. Simpson.
Morrow	G. W. Hershner	J. C. Swetland	William Brooks.

Counties.	Commissioners.		
	Elected—1877.	Elected—1878.	Elected—1879.
Muskingum	Jefferson Van Horne	James S. Copeland	John Crooks.
Noble	Samuel Hathaway	Adam Hamilton	John N. Shafer.
Ottawa	Jacob Bush	Fred. T. Schabow	John Andrews.
Paulding	Joseph Bowyer	Francis M. Wade	Thomas Chester.
Perry	Nathan Plank	John Dillon	James Coyle.
Pickaway	John S. Neff	David Ludwig	John Pickering.
Pike	Henry C. Givens	William McKoy	Thomas Holten.
Portage	Paris C. Nichols	A. B. Merrill	Edgar Whittlesey.
Preble	Daniel W. Harshman	Joseph Mills	Howard Young.
Putnam	James H. Smith	William Schafer	Ferdina'd Unterbrink.
Richland	John F. Gerhart	William R. Newlon	Jacob Claberg.
Ross	John Gaynor	A. J. Karlhuer	Strawdor James.
Sandusky	Manual Manver	N. G. Rathbun	Bryan O'Connor.
Scioto	James Skelton	W. H. McCurdy	William Turner.
Seneca	Solomon Gamber	W. T. Histe	James H. Fry.
Shelby	William Johnson	W. R. Jackson	John Linker.
Stark	Leonard Raber	Ellis Hazen	Washington Guest.
Summit	Moses D. Call	William Sisler	Hiram Hart.
Trumbull	William Branson	Arthur V. Crouch	John L. Smith.
Tuscarawas	John H. Benfer	Henry B. Keffer	Daniel Kuhn.
Union	John K. Dodge.	James T. Mahaffy	James B. Whelpley.
Van Wert	A. A. Bronson	F. T. Gilliland	Frederick Lillick.
Vinton	John L. Lawler	John Turner	Stephen Darby.
Warren	William P. Mount	Perry Lukens	Ephraim K. Snook.
Washington	John Happle.	Philip Mattern	Robert Mullenix.
Wayne	Peter Stair	Ephraim Quinby, Jr	Peter Mongey.
Williams	George R. Joy	George Webber	Jonathan Burke.
Wood	Nathan W. Stafford	Joshua Hoiles	Nathan W. Stafford.
Wyandot	Jacob Yentzer	William Ayres	W. M. Baldwin.



INCORPORATIONS

AND

CHANGES IN INCORPORATED COMPANIES,

FOR THE YEAR ENDING NOVEMBER 15, 1879.

CLASSIFIED STATEMENT OF INCORPORATIONS FOR THE YEAR ENDING NOVEMBER 15, 1879.

Number.	Kind of corporation chartered.	Increase of capital stock.	Reduction of capital stock.	Capital stock authorized.
90	Manuf. companies incorporated			$5,692,600
1	" increased capital	$100,000		
6	" decreased capital		$487,000	
1	" change time of meeting			
2	" extension of business			
27	R. R. Co's incorporated			14,855,000
5	" increased capital stock	6,230,000		
6	" extension of lines			75,000
1	" change of name			
1	" change of time of meeting			
3	" consolidated under new name			
34	Building and Loan Associ'ons incorporated			23,326,400
1	Building and Loan Association increase of capital	1,500,000		
1	Building and Loan Association decrease of capital		29,200	
8	Mining companies incorporated			30,770,000
1	" change time of meeting			
20	Mining and manufacturing companies incorporated			12,785,000
1	Mining and manufacturing company increase of capital	150,000		
5	Street railroad companies incorporated			170,000
2	Banks, savings and loan associations incorporated			250,000
1	Bank, savings and loan association increase of capital	100,000		
1	Banks, savings and loan associations decrease of capital		5,000	
1	Banks, savings and loan associations change of name			
6	Printing and publishing companies incorporated			310,000
1	Printing and publishing company change of time of meeting			
1	Printing and publishing company decrease of capital		200,000	
6	Gas companies incorporated			250,000
1	" increase of capital	40,000		
46	Co-operative fire and life insurance companies incorporated			
1	Co-operative fire and life insurance company change of name			
5	Co-operative trade associations incorporated			12,000
1	"Common carrier" company incorporated			75,000
1	Nurseries company incorporated			
1	" decrease of capital stock		75,000	
16	Churches, societies, and benevolent associations incorporated			
1	Churches, societies, and benevolent associations change of name			
3	Fire insurance companies incorporated			200,000
1	" decrease of capital		100,000	
2	Turnpike companies incorporated			6,000
1	" separated into divisions			
2	Plank-road companies incorporated			32,000
9	Companies incorporated for building hotels, tenement, and other houses			465,000
	Ice companies incorporated			125,000

CLASSIFIED STATEMENT OF INCORPORATIONS, ETC.—Continued.

Number.	Kind of corporation chartered.	Increase of capital stock.	Reduction of capital stock.	Capital stock authorized.
8	Companies incorporated for hunting, fishing, yachting, ball-playing, and other sports			$18,475
3	Hedge companies incorporated			65,000
1	Water-works company incorporated			75,000
3	Musical associations incorporated			11,780
3	Oil companies incorporated			95,000
1	" increase of capital	$100,000		
7	River transportation companies incorporated			294,000
1	River transportation company increase of capital	9,000		
4	Telegraph companies incorporated			355,000
7	Telephone companies incorporated			113,950
1	Hamilton County Pomona Grange Assoc'ns			100
1	Art association incorporated			
1	The Mefford Fruit-drying Company			300,000
1	Political club incorporated			12,500
1	Company incorporated for breeding birds and animals			2,000
1	Detective company incorporated			
2	Colleges and institutes incorporated			4,000
3	Agricultural societies incorporated			22,700
4	Mercantile associations incorporated			127,000
1	Military company incorporated			300
1	Stock-yard company incorporated			25,000
338	Totals, year ending Nov. 15, 1879	$8,229,000	$896,200	$90,920,805

COMPARATIVE SUMMARY OF INCORPORATIONS, 1878 AND 1879.

Total increase of capital stock of incorporated companies, year ending November 15, 1879	$8,229,000
Total increase of capital stock of incorporated companies, year ending November 15, 1878	1,900,200
Increase in 1879 over 1878	$6,328,800
Total decrease of capital stock of incorporated companies, year ending November 15, 1879	$896,200
Total decrease of capital stock of incorporated companies, year ending November 15, 1878	349,700
1879 over 1878	$546,500
Total authorized capital stock of companies incorporated, year ending November 15, 1879	$90,920,805
Total authorized capital stock of companies incorporated, year ending November 15, 1878	45,674,266
Total	$45,246,539

NAMES OF COMPANIES ORGANIZED FOR MANUFACTURING PURPOSES, WITH DATE OF NOVEMBER 15, 1878, TO

Number.	Date of filing certificate.	Name of company.	Location.
	1878.		
1	Nov. 27	Parmenter Paper Co	Cincinnati
2	29	Toledo Mower and Reaper Co	Toledo
3	Dec. 2	Camp and Randall Manufacturing Co	Warren
4	11	Sippo Coal Co	Massillon
5	13	North American Life Boat and Launch Co	Youngstown
6	14	Dell Roy Coal and Coke Co	Cleveland
7	26	The Delphos Machine Works	Delphos
	1879.		
8	Jan. 2	J. Woodruff & Sons	Salem
9	3	Webster Fire Brick and Coal Co	Iron Furnace P. O
10	7	The Standard Boot and Shoe Co	Cleveland
11	11	Empire Fire Clay Co	Leetonia
12	13	Toledo Provision Co	Toledo
13	14	Dayton Screw Co	Dayton
14	14	Meadow Run Coal and Iron Co	Jackson County
15	15	Fisk & Silliman	Ashtabula
16	15	Cleveland Light and Heat Co	Cleveland
17	21	The Sterling Mining Co	"
18	21	Northern Ohio Lime Exchange	Toledo
19	22	Excelsior Bagging Co	Lima
20	28	Sidney Agricultural Works	Sidney
21	31	Forest City Chemical Co	Cleveland
22	Feb. 6	North American Cutlery Co	Painesville
23	7	Ohio Coal Mining Auger Co	Dover
24	8	Cincinnati Melophine Manufacturing Co	Cincinnati
25	11	Cleveland Bridge and Iron Co	Cleveland
26	14	Enterprise Carriage Manufacturing Co	Cincinnati
27	17	Active Manufacturing Co	"
28	20	Excelsior School Furniture Co	"
29	22	Cleveland Oat Meal Co	Cleveland
30	March 5	The Cleveland Bridge and Car Works	"
31	6	The Keck Packing and Provision Co	Cincinnati
32	19	Sechler & Co	"
33	20	Akron Stoneware Co	Akron
34	26	The Willshire Union Stave Co	Willshire
35	29	Cain & Martindill	Cincinnati
36	April 3	The Zanesville Coffin Co	Zanesville
37	3	The Rhinehart Medicine Co	Troy
38	7	Ritchie & Dyer Co	Hamilton
39	7	The Queen City Dash Co. of Cincinnati	Cincinnati
40	7	The Hunter Manufacturing Co	Clyde
41	7	Lorain Plate Glass Co	Lorain
42	11	The Ohio Manufacturing Co	Cleveland
43	14	The Pittsburgh and Cleveland Coal and Iron Co	Salineville
44	23	Wauseon Iron Carriage Wheel and Spindle Co	Wauseon
45	22	The Cleveland Window Glass Co	Cleveland
46	25	The Doctor Bosanko Medicine Co	Piqua
47	28	Cincinnati Stove Works	Cincinnati
48	28	Portsmouth Iron and Steel Co	Portsmouth
49	30	Ohio Stove Co	Tiffin
50	May 2	The Animal Trap Co	Cincinnati
51	5	American Standard Plate Glass Co	Lorain
52	8	Tropic Iron Co	Jackson
53	16	Farmers' Manufacturing Co	Cincinnati
54	19	Bennett Coal Co	Columbus
55	22	Ridgway Burton Co	Massillon
56	29	Falls Wire Manufacturing Co	Cuyahoga Falls
57	June 3	Condensed Lubricating Oil Co	Cincinnati
58	5	Anchor Soapstone Co	"

FILING CERTIFICATE, LOCATION, PURPOSE, AND AMOUNT OF CAPITAL STOCK, FROM NOVEMBER 15, 1879.

Purpose of organization.	Amount of capital stock.	Number.
Manufacturing of paper goods	$20,000	1
" mowers, reapers	50,000	2
" tow and buggy cloth	200,000	3
" iron and other minerals, and mining coal in Stark county	40,000	*4
" life-boats and launching apparatus	50,000	5
" ores, and mining coal in Carroll county	100,000	*6
" water-wheels and iron manufactures	14,000	7
" stoves, castings, etc	75,000	8
" coke, ores, and fire-brick, and mining coal	25,000	9
" boots, shoes, and leather	50,000	10
" stone-ware, terra-cotta ware, etc	15,000	11
" provisions, slaughtering hogs and cattle	50,000	12
" screws and hardware	250,000	13
" iron and mining coal and other minerals in Jackson co	60,000	14
" flour and feed and dealing in grain	35,000	15
" apparatus for generating gas, heat, and steam	100,000	16
" silver and minerals in Arizona Territory	10,000,000	17
" lime	5,000	18
" flax and jute bagging	30,000	19
" agricultural implements	50,000	20
" tar, oils, and chemicals	20,000	21
" cutlery of all kinds	30,000	22
" augers for mining coal	50,000	23
" melophine soap	100,000	24
" and erecting iron bridges	50,000	25
" carriages, wagons, etc	25,000	26
" sewing-machines for stitching heavy work	30,000	27
" school, church, and office furniture	50,000	28
" flour, feed, etc	50,000	29
" bridges and railroad cars	100,000	30
" tallow, lard, and packing meats	100,000	31
" carriages, wagons, and other vehicles	50,000	32
" stoneware and earthenware	12,000	33
" staves, hoops, and headings	25,000	34
" general cooperage and dealing in lumber	4,000	35
" coffins	50,000	36
" medicine	10,000	37
" machinery generally	50,000	38
" Warden's patent seamless dash	20,000	39
" edge tools and castings	10,000	40
" plate glass and all other grades	300,000	41
" lawn mowers	10,000	42
" and mining iron ores and coal in Columbiana county	50,000	*43
" iron wagon and carriage wheels	2,000	44
" and dealing in glass, sash, doors, etc	50,000	45
" medicine	5,000	46
" stoves, castings, and tinware	100,000	47
" iron and steel	100,000	48
" stoves, castings, and hollow-ware	25,000	49
" all kinds of animal traps	10,000	50
" plate glass and glass generally	400,000	51
" and mining iron and coal in Jackson county	75,000	*52
" tools and agricultural implements	60,000	53
" and mining iron, coal, and coke	100,000	*54
" " " "	30,000	*55
" wire of all kinds	100,000	56
" condensed lubricating oil	100,000	57
" lava gas tips, and other articles from soapstone	15,000	58

COMPANIES ORGANIZED FOR MANUFACTURING PURPOSES—Continued.

Number.	Date of filing certificate.	Name of company.	Location.
	1879.		
59	June 5	H. H. Thorp Manufacturing Co	Cleveland
60	10	Everhardt Mashing Apparatus Co	Cincinnati
61	11	Newport Mill Co	Newport
62	14	Hull Vapor Stove Co	Cleveland
63	25	The J. M. Brunswick & Balke Co	Cincinnati
64	28	The Forest City Steel Co	Cleveland
65	July 9	Wheelwright Kiln Co	Cincinnati
66	9	Connoton Valley Coal Co	Dell Roy
67	9	Boston Coal Co	Scott's Station
68	11	The Britton Iron and Steel Co	Cleveland
69	14	Springfield Cracker Factory	Springfield
70	16	The Scott Salt Manufacturing and Mining Co	Cambridge
71	17	The Cincinnati Packing Co	Cincinnati
72	18	Ohio Forging Co	"
73	21	Akron Steam Forge Co	Akron
74	24	Cleveland Barb Fence Co	Cleveland
75	Aug. 2	American Glycerine Co	Cincinnati
76	7	Sandusky and Shawnee Coal and Iron Co	Sandusky
77	8	The Ohio Paper Co	Miamisburg
78	16	Cherry Valley Iron Works	Leetonia
79	19	The Stockwell Screw and Machine Works	Cleveland
80	19	Steubenville Iron and Steel Co	Steubenville
81	20	Gardner Gun Co	Cleveland
82	25	Hocking Iron Co	Orbiston
83	Sept. 1	The Noteman Rotary Engine and Pump Co	Toledo
84	2	Bovey Street Car Heating Co	Cincinnati
85	2	Baird Coal Co	Columbus
86	3	Gardner Gun Co	Cleveland
87	6	The Cleveland Tube Works Co	"
88	12	The Crown Manufacturing Co	Cincinnati
89	13	Empire Coal Co	Dell Roy
90	15	The Monday Creek Iron and Coal Co	Cleveland
91	17	Tyler Hoe and Tool Works	Ironton
92	18	Inland Oil Co	Cincinnati
93	29	Champion Bloom and Billet Co	Cleveland
94	30	Hocking Valley Fire Brick Co	Logan
95	Oct. 4	Nelsonville Coal and Coke Co	York tp., Athens co.
96	9	Wayne Novelty Works Co	Waynesville
97	10	Robinson Car Box Co. of Columbus, Ohio	Columbus
98	16	Cleveland Baking Co	Cleveland
99	18	The Jefferson Manufacturing Co	Jefferson
100	20	The Buell Carbureter Co. of Toledo	Toledo
101	18	The Monday Creek Coal and Iron Co	Cleveland
102	25	Peerless Reaper Co	Canton
103	20	The Perkins Manufacturing Co	Geneva
104	22	Buckeye Provision Co	Toledo
105	31	Canal Flour and Feed Co	Cincinnati
106	Nov. 5	Sandusky Harvesting Co	Sandusky
107	5	Lorain Iron Co	Lorain
108	7	Logan Iron Co	Logan
109	8	United States Plate Glass Co	Lorain
110	12	Cincinnati Bedstead Co	Cincinnati

Purpose of organization.	Amount of capital stock.	Number.
Manufacturing printing presses and material for same	$50,000	59
" patent grain mashers	125,000	60
" flour and feed	8,000	61
" gasoline and gas stoves, lamps, etc	30,000	62
" billiard tables and appliances	275,000	63
" steel	30,000	64
" kilns for drying malt and grain	100,000	65
" and mining coal, iron, ores	50,000	*66
" " "	50,000	*67
" iron and steel and their products	100,000	68
" crackers and general bakery	30,000	69
" and mining salt, ores, and coal	60,000	*70
" meats of all kinds	100,000	71
" iron, copper, and tin into articles of trade	25,000	72
" iron in various forms	60,000	73
" barbed fence wire	600	74
" glycerine	10,000	75
" and mining iron, coal, and other ores	200,000	*76
" paper of all kinds	80,000	77
" and mining iron and coal	10,000	*78
" screws and screw-cutting machinery	75,000	79
" and mining iron, steel, coal, and coke	40,000	*80
" Wm. Gardner's patent guns	300,000	81
" and mining ores and coal in Athens county	1,500,000	*82
" rotary pumps and engines	35,000	83
" Bovey street car heater	5,000	84
" and mining coke, coal, and brick in Perry county	25,000	*85
" guns and firearms (supplemental)	300,000	86
" wrought-iron tubing and steam apparatus	10,000	87
" Moore's patent barrel and bucket cover and specialties	20,000	88
" and mining coal and ores in Carroll county	100,000	89
" and mining coal and iron ores in Hocking county	100,000	*90
" hoes, rakes, and other tools	30,000	91
" and sale of oils and their compounds	50,000	92
" bloom and billets of iron and steel	50,000	93
" fire-brick and tiling	10,000	94
" and mining ores, coal, and other minerals in Athens co	25,000	*95
" various articles of wood, iron, steel, and brass	25,000	96
" car boxes	50,000	97
" crackers and general baking	20,000	98
" hoe, fork, and other handles	50,000	99
" carbureter and improved gas	10,000	100
" and mining coal and iron in Hocking county	100,000	*101
" agricultural implements	7,000	102
" elevators, clutch-pulleys, and machinery	25,000	103
" meats and provisions of all kinds	25,000	104
" flour and feed, and dealing in grain	20,000	105
" reapers, mowers, and agricultural implements	100,000	106
" and mining iron and coal in Ohio	100,000	*107
" iron	50,000	108
" plate glas	200,000	109
" bedsteads and furniture	40,000	110
	$18,477,600	

* Manufacturing and mining companies.

NAMES OF COMPANIES INCORPORATED FOR MINING PURPOSES, WITH DATE OF FROM NOVEMBER 15, 1878,

Number.	Date of filing certificate.	Name of company.	Location of mine.
	1878.		
1	Dec. 7	Arizona Consolidated Gold and Silver Mining Co.	Arizona
2	11	Sippo Coal Co	Stark county
3	14	Dell Roy Coal and Coke Co	Carroll county
	1879.		
4	Jan. 14	Meadow Run Coal and Iron Co	Jackson county
5	21	The Sterling Mining Co	Arizona Territory
6	Feb. 4	Cleveland and Montana Gold Mining Co	Montana Territory
7	17	The Colombia Mining Co	
8	March 11	The Valley Mill and Mining Co	Nevada
9	April 14	The Pittsburgh and Cleveland Coal and Iron Co	Columbiana county
10	May 10	St. Mary's Silver Mining Co	Colorado
11	21	Young Coal Co	Stark county
12	8	Tropic Iron Co	Jackson county
13	19	Bennett Coal Co	Perry county
14	June 21	The Mineral Belt Mining and Tunneling Co	Colorado
15	July 9	Connotton Valley Coal Co	Carroll county
16	9	Boston Coal Co	"
17	16	The Scott Salt Manufacturing and Mining Co	Guernsey county
18	Aug. 7	Sandusky and Shawnee Coal and Iron Co	Perry county
19	16	Cherry Valley Iron Works	Columbiana county
20	19	Steubenville Iron and Steel Co	Jefferson county
21	25	Hocking Iron Co	Athens county
22	Sept. 2	Baird Coal Co	Perry county
23	13	Empire Coal Co	Carroll county
24	15	The Monday Creek Iron and Coal Co	Hocking county
25	Oct. 4	Nelsonville Coal and Coke Co	Athens county
26	18	The Monday Creek Coal and Iron Co (supplemental certificate)	Hocking county
27	20	The Pathamer Mining and Milling Co	Arizona Territory
28	Nov. 5	Lorain Iron Co	Lorain county

*See manufacturing companies.

FILING CERTIFICATE, LOCATION OF MINE, AND AMOUNT OF CAPITAL STOCK, TO NOVEMBER 15, 1879.

Location of office.	Purpose of organization.	Amount of capital stock.	Number.
Cleveland	Mining gold and silver	$5,000,000	1
Massillon	" coal, iron, and minerals	40,000	*2
Cleveland	" " "	100,000	*3
	" " "	60,000	*4
Cleveland	" silver and minerals	10,000,000	*5
"	" silver and gold	110,000	6
Cincinnati	" and working metals generally	10,000,000	7
"	" silver and other ores	100,000	8
Salineville	" coal, iron, and minerals	50,000	*9
Cincinnati	" silver and minerals	500,000	10
Cleveland	" coal	60,000	11
Jackson	" coal and iron	75,000	*12
Columbus	" " "	100,000	*13
"	" silver and other ores	10,000,000	14
Dell Roy	" coal, iron, and other minerals	50,000	*15
Scott's Station	" " " "	50,000	*16
Cambridge	" coal, ores, and salt	60,000	*17
Sandusky	" coal and iron	200,000	*18
Leetonia	" " "	10,000	*19
Steubenville	" " "	40,000	*20
Orbiston	" " "	1,500,000	*21
Columbus	" coal, fire-brick, and coke	25,000	*22
Dell Roy	" coal and other minerals	100,000	*23
Cleveland	" coal, iron, and other minerals	100,000	*24
York Township	" " " "	25,000	*25
Cleveland	" " "	100,000	*26
"	" gold and silver	5,000,000	27
Lorain	" coal and iron	100,000	*28
		$43,555,000	

NAMES OF RAILROAD COMPANIES INCORPORATED FOR THE PURPOSE OF EXTENSION OF ROADS ARE TO PASS, AND AMOUNT OF CAPITAL STOCK,

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Dec. 7	Jeffersonville, Mt. Sterling, and Columbus Railroad Co
	1879.	
2	May 21	Columbus and Sunday Creek Valley Railroad Co
3	27	Ohio and West Virginia Railway Co
4	31	The Toledo, Delphos and Burlington Railroad Co
5	June 5	Ripley, Wilmington and Dayton Railroad Co
6	Oct. 16	Youngstown and Connotton Valley Railroad Co

NAMES OF STREET RAILROAD COMPANIES INCORPORATED, WITH DATE OF FILING CERTIFI-

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Dec. 17	Middletown and Madison Street Railroad Co
	1879.	
2	May 10	Avondale Street Railroad Co
3	July 28	Newport and Cincinnati Street Railroad Co
4	28	Cincinnati and Newport Street Railroad Co
5	30	The Covington Railway Co. of Cincinnati

NAMES OF TURNPIKE COMPANIES INCORPORATED, WITH DATE OF FILING CER- NOVEMBER 15, 1878,

Number.	Date of filing certificates.	Name of company.	County where located.
	1879.		
1	Feb. 1	Ohio Valley, Ten Mile and Lindale Turnpike Co	Clermont
2	25	" " "	"

LINE, WITH DATE OF FILING CERTIFICATE, TERMINI, COUNTIES THROUGH WHICH THE FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

Termini of road.	Counties through which the railroad's pass.	Amount of capital stock.	Number.
Jeffersonville and Cincinnati.	Clinton, Warren, Hamilton, Fayette, Greene		1
Bush's Station and Columbus.	Fairfield, Franklin—Branch Road		2
Columbus and Pomeroy, via Logan			3
	Fixing western terminus at Willshire, Van Wert Co		4
Buford and Aberdeen	Highland, Brown—Branch Road	$75,000	5
	Changing northern terminus from Youngstown to Canton		6
		$75,000	

CATE, LOCATION, AND AMOUNT OF CAPITAL STOCK, FROM NOV. 15, 1878, to NOV. 15, 1879.

Location.	Amount of capital stock.	Number.
Middletown to Madison	$10,000	1
Cincinnati	100,000	2
"	25,000	3
"	25,000	4
"	10,000	5
	$170,000	

TIFICATE, COUNTY WHERE LOCATED, AND AMOUNT OF CAPITAL STOCK, FROM TO NOVEMBER 15, 1879.

Termini.	Amount of capital stock.	Number.
New Palestine and Lindale	$3,000	1
" " (supplemental)	3,000	2
	$6,000	

NAMES OF PLANK-ROAD COMPANIES INCORPORATED, WITH DATE OF FILING FROM NOVEMBER 15, 1878,

Number.	Date of filing certificate.	Name of company.	County where located.
	1878.		
1	Dec. 17	Newburgh and Warrensville Plank-road Co.....	Cuyahoga .....
	1879.		
2	Jan. 21	" " "	" .....

NAMES OF BANKS, SAVINGS AND LOAN ASSOCIATIONS INCORPORATED, WITH DATE VEMBER 15, 1878, TO

Number.	Date of filing certificate.	Name of bank or loan association.
	1879.	
1	June 20	Commercial Bank of Cincinnati .....
2	July 7	The South Cleveland Banking Co.....

NAMES OF FIRE INSURANCE COMPANIES INCORPORATED, WITH DATE OF FROM NOVEMBER 15, 1878.

Number.	Date of filing certificate.	Name of company.
	1879.	
1	Jan. 21	Eagle Mutual Fire Insurance Co.....
2	28	The Kenton Mutual Fire Insurance Co .....
3	May 21	The Darke County Fire Insurance Co .....

CERTIFICATE, COUNTY WHERE LOCATED, AND AMOUNT OF CAPITAL STOCK, TO NOVEMBER 15, 1879.

Termini.	Amount of capital stock.	Number.
In Cuyahoga	$16,000	1
" (supplemental)	16,000	2
	$32,000	

OF FILING CERTIFICATE, LOCATION, AND AMOUNT OF CAPITAL STOCK, FROM NO- NOVEMBER 15, 1879.

Location.	Amount of capital stock.	Number.
Cincinnati (reorganized under free banking act)	$200,000	1
Cleveland	50,000	2
	$250,000	

FILING CERTIFICATE, LOCATION, AND AMOUNT OF CAPITAL STOCK, TO NOVEMBER 15, 1879.

Location.	Amount of capital stock.	Number.
Mt. Vernon	$50,000	1
Kenton	50,000	2
Greenville	100,000	3
	$200,000	

NAMES OF RAILROAD COMPANIES INCORPORATED, WITH DATE OF FILING CERTIFICATES, STOCK, FROM NOVEMBER 15, 1878,

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Nov. 22	Columbus and Sunday Creek Valley Railroad Co.
2	30	Hemlock Valley Railway Co
3	Dec. 5	Columbus, Scioto and Hocking Valley Railway Co
4	23	The Painesville, Youngstown and Pittsburgh Railroad Co.
5	24	Peninsula Railroad Co
	1879.	
6	Jan. 9	Paulding and Antwerp Railroad Co
7	Feb. 24	The Cincinnati, Portsmouth and Eastern Railway Co
8	24	The Shawnee, Hocking Valley and Columbus Railroad Co
9	26	Toledo, Michigan and Indiana Railway Co
10	Mar. 3	The Baltimore, Napoleon and Michigan Railroad Co
11	10	The Ironton and Jackson Narrow Gauge Railroad
12	26	The Richmond and Youngstown Narrow Gauge Railroad Co.
13	May 29	The Ohio Railway Co
14	29	The Cleveland and Marietta Railroad Co
15	June 2	The McComb, Deshler and Toledo Railroad Co
16	10	Lake Shore and South Eastern Railroad Co
17	25	The Cleveland, Painesville and Ashtabula Railroad Co.
18	July 14	Baltimore and Chicago Railroad Co
19	16	The Western Reserve Railroad Co
20	24	Painesville and Youngstown Railway Co
21	Aug. 9	Black Band and Ragersville Railroad Co
22	13	Columbus, Leesburgh and Kentucky Railroad Co.
23	19	The City Railroad Company of Dayton
24	Sept. 8	Happy Hollow Railroad Co
25	Oct. 10	The Columbus, Harrisburgh and Washington Court House Railway Co.
26	20	The Cincinnati and New Richmond Railroad Co
27	Nov. 3	The Springfield Southern Railroad Co

TERMINI, COUNTIES THROUGH WHICH THE ROADS ARE TO PASS, AND AMOUNT OF CAPITAL TO NOVEMBER 15, 1879.

Termini of road.	Counties through which the railroads pass.	Amount of capital stock.	Number.
Licking Co. and Athens Co..	Licking, Fairfield, Perry, Athens.....	$750,000	1
....	Wholly in Cuyahoga county.....	10,000	2
Columbus and Bessemer.....	Franklin, Pickaway, Fairfield, Hocking, Athens	2,000,000	3
Youngstown and State line, in Columbiana Co.....	Mahoning, Columbiana.....	300,000	4
Danbury Station and Point Marblehead	Ottawa	50,000	5
Paulding and Antwerp.....	Paulding	45,000	6
Cincinnati and point opposite Huntington, West Va.....	Hamilton, Clermont, Brown, Adams, Scioto, Lawrence.....	500,000	7
Columbus and Athens.....	Franklin, Fairfield, Hocking, Perry, Athens	500,000	8
Toledo and west State line..	Lucas, Fulton, Williams.....	500,000	9
Napoleon and Michigan State line	Henry, Fulton	50,000	10
Ironton and Jackson.....	Lawrence, Jackson.....	400,000	11
Richmond and Youngstown.	Jefferson, Columbiana, Mahoning	250,000	12
West Salem and State line, in Paulding Co.....	Paulding, Putnam, Hancock, Seneca, Huron, Ashland, Wayne	500,000	13
Canton and Marietta.....	Washington, Noble, Guernsey, Stark, Tuscarawas.....	4,000,000	14
McComb and Deshler.....	Hancock, Henry	20,000	15
Kinsman Station and Orangeville	Trumbull.....	100,000	16
Cleveland and State line, in Ashtabula Co.....	Cuyahoga, Lake, Ashtabula.....	20,000	17
Chicago Junction and State line, in Columbiana Co....	Tuscarawas, Wayne, Ashland, Huron, Columbiana, Stark, Carroll.....	300,000	18
Wayne Co. and State line, in Paulding Co	Paulding, Wayne, Medina, Seneca, Hancock, Putnam.....	300,000	19
Fair Point Harbor and Youngstown.....	Lake, Geauga, Trumbull, Mahoning, Ashland, Huron.....	2,200,000	20
Black Band and Ragersville.	Tuscarawas.....	40,000	21
Columbus and Hillsboro.....	Franklin, Pickaway, Fayette, Highland	500,000	22
....	Montgomery county.....	200,000	23
Buchtel Station and Doanville	Athens	20,000	24
Columbus and Washington C. H	Franklin, Pickaway, Madison, Fayette.	200,000	25
Cincinnati and New Richmond	Hamilton, Clermont, Highland, Pike, Jackson, Gallia	100,000	26
Springfield and Rockwood..	Clark, Madison, Fayette, Ross, Lawrence	1,000,000	27
		$14,855,000	

NAMES OF CO-OPERATIVE FIRE AND LIFE INSURANCE COMPANIES, MUTUAL AID LOCATION, FROM NOVEMBER 15, 1878,

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Nov. 20	Buckeye State Beneficial Association
2	Dec. 4	Patrons' Mutual Fire Association of Logan County
3	26	Eagle Fire Insurance Company
	1879.	
4	Jan. 4	Hocking Valley Mutual Life Association
5	9	The Home Insurance Company, in Plain and Jackson Townships
6	10	Franklin Mutual Protection Association
7	15	Farmers' Mutual Aid Association of Van Wert County
8	30	The Tiffin Mutual Aid Association
9	Feb. 17	Home Mutual Aid Association
10	21	The Soldiers' and Citizens' Benefit Association of Toledo, Ohio
11	25	Defiance and Henry Counties Farmers' Mutual Relief Association
12	25	Mutual Endowment and Relief Association of Ohio
13	March 5	St. Peters' Fire Aid Society
14	13	Norton Mutual Fire Association
15	21	The Equitable Mutual Relief Association of Ashtabula, Ohio
16	27	The Madison Mutual Relief Association
17	April 1	Cincinnati Mutual Life Association
18	2	St. Joseph's Benevolent Society
19	16	The Ohio Valley Mutual Protection Association
20	26	The Madison Mutual Relief Association (supplemental)
21	28	The People's Mutual Life Insurance Company of Ohio
22	May 6	The Home Insurance Co. of Nimishillen and Osnaburgh Tps., Stark Co., O.
23	16	Term Mutual Aid Association
24	17	The National Mutual Aid Association
25	30	Troy Mutual Benefit Association
26	June 10	The Equitable Life Association of Painesville
27	July 8	The Alliance Life Protective Association
28	8	North Western Mutual Aid Association
29	11	The Provident League of America
30	15	The Scottish Rite Knights Templar and Master Masons' Aid Association of Dayton
31	21	The Union Life Association of Ohio
32	Aug. 19	The German Mutual Insurance Company
33	19	Stark County Life Association
34	21	Mutual Life Association of Ohio
35	21	Mutual Aid Association of London, Ohio
36	29	The University Gegenseitiger Feuer Versicherung Unterstizung Verein
37	Sept. 4	Ohio Mutual Aid Association
38	10	The State Mutual Protection and Endowment Association of Ohio
39	Oct. 10	The Farmers' Mutual Aid Association
40	16	Wayne County Mutual Fire Insurance Association
41	16	Ohio State Mortuary Association
42	18	Mutual Life Association of Cleveland
43	21	Steuben Mutual Protection Association
44	29	The Capital Butchers' Benefit Association of Franklin County, Ohio
45	30	The Logan Joint-Life Protection and Relief Association
46	Nov. 4	Home Mutual Indemnity Association

ASSOCIATIONS, ETC., INCORPORATED, WITH DATE OF FILING CERTIFICATE, AND TO NOVEMBER 15, 1879.

Location.	Purpose of organization.	Number.
Hilliard	Mutual life insurance	1
Bellefontaine	" fire and casualty insurance	2
Hillsborough	" " "	3
Lancaster	" life insurance	4
New Berlin	" fire and casualty insurance	5
Columbus	" life insurance	6
Van Wert	" fire and casualty insurance	7
Tiffin	" life insurance	8
Zaneaville	" "	9
Toledo	" "	10
New Bavaria	" fire and casualty insurance	11
Cardington	" life insurance	12
Cleveland	" fire and casualty insurance	13
Norton Center	" " "	14
Ashtabula	" life insurance	15
Madison	" "	16
Cincinnati	" "	17
Massillon	" "	18
Greenville	" "	19
Madison	" "	20
Wakeman	" "	21
Belfort	" fire and casualty insurance	22
Columbus	" life insurance	23
"	" "	24
Troy	" "	25
Painesville	" "	26
Alliance	" "	27
Lima	" "	28
Toledo	" "	29
Dayton	" "	30
Columbus	" "	31
Delphos	" fire and casualty insurance	32
Canton	" life insurance	33
Delaware	" "	34
London	" "	35
Cleveland	" fire and casualty insurance	36
Mt. Vernon	" life insurance	37
Norwalk	" "	38
Willshire	" "	39
Wooster	" fire and casualty insurance	40
Ashland	" life insurance	41
Cleveland	" "	42
Steubenville	" "	43
Columbus	" "	44
Logan	" "	45
Millersburg	" "	46

BUILDING AND LOAN ASSOCIATIONS INCORPORATED, WITH DATE OF FILING CERTIFI-

Number.	Date of filing certificate.	Name of association.
	1878.	
1	Dec. 16	Banner Loan and Building Association
2	26	Cadiz Building and Loan Association
	1879.	
3	Jan. 20	Telephone Building Association
4	Feb. 1	Second Ohio Building and Loan Association
5	12	Cincinnatus Building Association No. 1
6	13	Turner B. u Verein No. 3, of Cincinnati
7	17	Barnesville Building and Loan Association
8	March 4	Georgetown Building and Loan Association
9	4	Bellevue Building Association of Cincinnati
10	5	The Third Building and Loan Association of Lima
11	10	Citizens' Building Association No. 2, of Cincinnati
12	11	The Champion Building Association No. 2, of Cincinnati
13	14	The New Ohio Building Association of Hamilton County
14	19	The Woodsfield Building Association
15	April 3	The Woodward Bau and Leih Verein of Cincinnati
16	8	The New Enterprise Building and Loan Association
17	19	Browne Street Building Association No. 2
18	26	Riverside Building Association of Martin's Ferry, Ohio
19	26	Franklin Building Association of Martin's Ferry, Ohio
20	30	Findlay Market Building Association
21	May 1	Linn Street Building Association
22	8	Western Avenue Building Association
23	8	New Franklin Building Association
24	16	Laurel Building Association
25	June 18	The Golden Rule Aid Society
26	July 9	Sharon Lot and Building Association
27	Aug. 1	German Roman Catholic Bonifacio Homestead Association
28	6	Bishop Building Association
29	28	The Homestead Building and Loan Association
30	Sept. 17	The Permanent Building and Loan Association No. 1
31	18	The Glendale Savings Association
32	22	The Victoria Building Association No. 2
33	Oct. 23	Mutual Home and Savings Association of Franklin, Ohio
34	29	Third Building Association of St. Clairsville

NAMES OF CO OPERATIVE TRADE ASSOCIATIONS INCORPORATED, WITH DATE OF FILING CER-

Number.	Date of filing certificate.	Name of company or association.
	1878.	
1	Dec. 7	The Farmers' Grain Association
2	16	Prairie Creek Subordinate Grange No. 1163, P. of H
	1879.	
3	Jan. 13	Twin Valley Grange No. 657
4	Nov. 4	Jefferson Grange No. 292
5	5	Cincinnati Co-operative Trade Society

DATES, LOCATION, AND AMOUNT OF CAPITAL STOCK, FROM NOV. 15, 1878, TO NOV. 15, 1879.

Location.	Amount of capital stock.	Number.
Cincinnati	$2,000,000	1
Cadiz	125,000	2
Cincinnati	1,000,000	3
Portsmouth	450,000	4
Cincinnati	400,000	5
"	400,000	6
Barnesville	75,000	7
Georgetown	100,000	8
Cincinnati	300,000	9
Lima	150,000	10
Cincinnati	400,000	11
"	2,500,000	12
"	1,250,000	13
Woodsfield	50,000	14
Cincinnati	200,000	15
Circleville	200,000	16
Cincinnati	1,200,000	17
Martin's Ferry	100,000	18
"	200,000	19
Cincinnati	400,000	20
"	1,500,000	21
"	2,000,000	22
Dayton	1,500,000	23
Cincinnati	2,500,000	24
Columbus	10,000	25
Cincinnati	166,400	26
"	50,000	27
Ironton	200,000	28
Sidney	150,000	29
Cincinnati	900,000	30
Glendale	250,000	31
Cincinnati	1,500,000	32
Franklin	500,000	33
St. Clairsville	100,000	34
	$23,326,400	

TIFICATES, LOCATION, AND AM'T OF CAPITAL STOCK, FROM NOV. 15, 1878, TO NOV. 15, 1879.

Location.	Amount of capital stock.	Number.
Lilly Chapel	$5,000	1
Van Wert county	1,000	2
Lewisburg	.....	3
Logan county	1,000	4
Cincinnati	5,000	5
	$12,000	

NAMES OF PRINTING AND PUBLISHING COMPANIES INCORPORATED, WITH DATE NOVEMBER 15, 1878,

Number.	Date of filing certificate.	Name of company.
	1879.	
1	May 5	Daily Labor Publishing Co
2	12	M. Halstead & Co
3	28	Democrat Publishing Co
4	July 18	Jackson Register Co
5	Aug. 2	The Ohio Press Co
6	Oct. 13	The Journal of Science Publishing Co

NAMES OF GAS COMPANIES INCORPORATED, WITH DATE OF FILING CERTIFICATE, LOCA-

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Dec. 20	The Lebanon Coal Gas Co
	1879.	
2	Jan. 8	Elyria Gas and Water Co
3	Aug. 1	Citizen's Gas-Light Co
4	22	The Delphos Gas-Light Co
5	22	The Van Wert Gas-Light Co
6	23	The Van Wert Gas-Light Co

NAMES OF "COMMON CARRIER" COMPANIES INCORPORATED, WITH DATE FROM NOVEMBER 15, 1878,

Number.	Date of filing certificate.	Name of company.
	1879.	
1	Feb. 13	The Cincinnati Railroad Omnibus Co

OF FILING CERTIFICATE, LOCATION, AND AMOUNT OF CAPITAL STOCK, FROM TO NOVEMBER 15, 1879.

Location.	Remarks.	Amount of capital stock.	Number.
Columbus	Printing and publishing a newspaper	$5,000	1
Cincinnati	" " "	235,000	2
Columbus	" " "	50,000	3
Jackson	" " "	4,000	4
Steubenville	" " "	4,000	5
Toledo	" " books and periodicals	12,000	6
		$310,000	

TION, AND AMOUNT OF CAPITAL STOCK FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

Location.	Remarks.	Amount of capital stock.	Number.
Lebanon		$25,000	1
Elyria		100,000	2
Norwalk		40,000	3
Delphos		30,000	4
Van Wert		30,000	5
Van Wert	Supplemental certificate	25,000	6
		$250,000	

OF FILING CERTIFICATE, LOCATION, AND AMOUNT OF CAPITAL STOCK, TO NOVEMBER 15, 1879.

Location.	Remarks.	Amount of capital stock.	Number.
Cincinnati		$75,000	1

NAMES OF COMPANIES WHOSE CAPITAL STOCK HAS BEEN INCREASED OR DECREASED AND PRESENT AMOUNT OF CAPITAL STOCK, FROM

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Dec. 6	Northern Transit Company
2	9	Dayton, Covington and Toledo Railroad Company
3	20	Heikes' Nurseries Company
	1879.	
4	Jan. 14	American Lubricating Oil Company
5	15	Ironton Gas Company
6	Feb. 1	Bank of Cincinnati
7	1	Royer Wheel Company
8	5	The Cincinnati Safety Lamp Company
9	7	Grafton Stone Company
10	March 13	Astor Mining Company
11	14	Paper Fabrique Company
12	19	People's Building and Loan Association
13	May 17	Cincinnati Railroad Company
14	17	The Columbus and Sunday Creek Valley Railroad Company
15	29	Cincinnati Times Company
16	June 2	The Niles Tool Works
17	25	Cope & Maxwell Manufacturing Company
18	26	Ohio and West Virginia Railway Company
19	30	Farmers' Home Fire Insurance Company
20	July 14	Cleveland, Tuscarawas Valley and Wheeling Railway Company
21	Sept. 18	German Building Association, No. 3
22	Oct. 9	Whitman & Barnes Manufacturing Company
23	25	Mansfield Savings' Bank

NAMES OF CHURCHES, SOCIETIES, AND BENEVOLENT ASSOCIATIONS FROM NOVEMBER 15, 1878.

Number.	Date of filing certificate.	Name of company.
	1878.	
1	Nov. 18	Abraham Yant Industrial Orphan School
2	25	Fraternity Lodge, No. 550, I. O. O. F
3	29	Dexter Lodge, No. 396, I. O. O. F
	1879.	
4	Feb. 13	Coalburgh Lodge, No. 112, Knights of Pythias
5	Mar. 18	West Jefferson Lodge, No. 412, I. O. O. F
6	29	Trojan Lodge, No. 110, Knights of Pythias
7	April 4	Knights of St. George Beneficial Society
8	16	Thornville Lodge, No. 184, I. O. O. F
9	May 9	Jefferson Lodge, No. 6, I. O. O. F
10	June 21	Lima Lodge, No. 581, I. O. O. F
11	26	Evergreen Wreath Lodge, No. 569, I. O. O. F
12	30	Ceredigion Lodge, No. 45, of the Benevolent Order of Ivorites
13	July 14	Betteville Lodge, No. 752, Knights of Honor
14	Aug. 19	Lanier Lodge, No. 521, I. O. O. F
15	21	Knights of St. George of Chillicothe, Ohio
16	Oct. 23	Independent Order of the Sons of Protection

WITH DATE OF FILING CERTIFICATE, THE AMOUNT INCREASED OR DECREASED, NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

Location.	Amount increased.	Amount decreased.	Present amount of capital stock.	Number.
Cleveland	$9,000 00		$100,000 00	1
	100,000 00		200,000 00	2
Dayton		$75,000 00	25,000 00	3
Cleveland	100,000 00		200,000 00	4
Ironton	40,000 00		80,000 00	5
Cincinnati	100,000 00		200,000 00	6
"		50,000 00	300,000 00	7
"		20,000 00	30,000 00	8
Cleveland		152,000 00	48,000 00	9
Cincinnati	150,000 00		250,000 00	10
"		15,000 00	25,000 00	11
Mechanicsburg		29,200 00	50,800 00	12
	950,000 00		1,000,000 00	13
	750,000 00		1,500,000 00	14
		200,000 00	100,000 00	15
Hamilton		100,000 00	100,000 00	16
"		150,000 00	100,000 00	17
	2,250,000 00		2,500,000 00	18
Jelloway		100,000 00	100,000 00	19
	2,180,000 00		4,180,000 00	20
Cincinnati	1,500,000 00		3,000,000 00	21
Akron	100,000 00		500,000 00	22
Mansfield		5,000 00	60,000 00	23
	$8,229,000 00	$896,200 00	$14,648,800 00	

INCORPORATED, WITH DATE OF FILING CERTIFICATE, LOCATION, ETC., TO NOVEMBER 15, 1879.

Location.	Remarks.	Number.
Bolivar		1
New Albany		2
Beallsville		3
Coalburgh		4
Jefferson		5
Troy		6
Columbus		7
Thornville		8
Steubenville		9
Lima		10
Chevoit		11
Coalburgh		12
Bettsville		13
West Alexandria		14
Chillicothe		15
Cincinnati		16

NAMES OF COMPANIES INCORPORATED FOR VARIOUS PURPOSES, NOT INCLUDED IN AMOUNT OF CAPITAL STOCK, FROM

Number.	Date of filing certificate.	Name of Company.
	1878.	
1	Nov. 15	The Game and Protection Union
2	27	Park Hotel Co
3	27	The Hamilton Ice Co
4	27	The East Harbor Sportsman's Club
5	29	Ohio and Lake Erie Ice Co
6	Dec. 2	Mohawk Land Co
7	4	The Pottowottamie Club
8	4	Cincinnati Star Base Ball Association
9	10	Hamilton County Pomona Grange Association
10	23	Coshocton County Hedge Co
	1879.	
11	Jan. 10	Tiffin Opera House
12	21	Women's Art Museum Association
13	24	Painesville Water Works Co
14	27	Trades' Union Joint Stock Co
15	27	Cincinnati Rowing Association
16	Feb. 4	Mt. Washington Cornet Band
17	5	Estella Oil Co
18	5	Mutual Union Commercial Co
19	10	The Mifford Fruit Co
20	11	Toledo Sangerfest Association
21	12	The Ottawa Shooting Club
22	13	The Lincoln Club of Cincinnati
23	15	Cleveland Poultry, Pigeon, and Pet Stock Association
24	28	Toledo Steamboat Co
25	Mar. 1	Argand Oil Works
26	11	Forrester's Building Association
27	22	Colerain Horse Thief Detective Co
28	28	Coshocton Eye and Ear Institute
29	31	Pittsburgh and St. Louis Packet Co
30	April 17	Eureka Hall Co
31	22	The Miami Park Association
32	25	Pittsburgh and Cincinnati Packet Co
33	29	National Mercantile Association
34	May 12	The Reserve Oil Co
35	23	Cold Creek Trout Club
36	26	The American Union Telegraph Co
37	June 10	American Union Telegraph Company of Ohio
38	10	The Fayette Agricultural Society
39	11	Muskingum Valley Hedge Co
40	12	Tuscarawas Valley Hedge Co
41	21	The Grand Opera House Co
42	23	Defiance Yachting, Fishing, and Hunting Club
43	24	Cleveland Telephone Exchange Co
44	July 19	The Woodlawn House Building Co
45	21	Akron Telephonic Exchange
46	29	Crystal Lake Ice Co
47	Aug. 1	Cobb's Actual Business College
48	4	The Cincinnati and Virginia Telegraph Co
49	9	The Ohio Farmers' Agricultural Museum
50	19	The Dayton Bell Telephone Co
51	25	The Ohio Valley Telephone Co
52	27	Board of Trade of the City of Sandusky
53	30	The Cincinnati Boat Club
54	Sept. 12	The Miners' and Mechanics' Union Grocery
55	15	Southern Transit Co
56	15	The Wallace Grays
57	18	The Baltimore and Ohio Telegraph Co

OTHER CLASSIFICATIONS, WITH DATE OF FILING CERTIFICATE, LOCATION, AND NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

Location.	Purpose of Organization.	Amount of capital stock.	Number.
Jones Station	Protection of game, birds, etc	$25	1
Columbus	Keeping hotel	40,000	2
Hamilton	Cutting and dealing in ice	50,000	3
Ottawa Co	Hunting and fishing, and other sports	200	4
Sandusky	Cutting and dealing in ice	25,000	5
Cincinnati	Building tenement houses, etc	20,000	6
Cuyahoga Co	Hunting and fishing	5,000	7
Cincinnati	Constructing park for all lawful sports	2,250	8
Hamilton Co	Protection of birds and other game	100	9
Coshocton	Growing hedges	15,000	10
Tiffin	Building an opera house	25,000	11
Cincinnati	Promotion of fine arts	.....	12
Painesville	Supplying City of Painesville with water	75,000	13
Jeromeville	Building hall for public resort	2,500	14
Cincinnati	Rowing and aquatic sports	3,000	15
Mt. Washington ..	Cultivating taste for music	280	16
Cleveland	Boring for and dealing in oil	40,000	17
Martin's Ferry ...	Erecting buildings for tenement houses, etc	10,000	18
Clyde	Drying and preserving fruit	300,000	19
Toledo	Cultivating a taste for music	10,000	20
Sandusky....	Hunting and fishing	3,750	21
Cincinnati	Political	12,500	22
Cleveland	Breeding fowls, birds, and animals	2,000	23
Toledo	River transportation	225,000	24
Marietta	Boring for and refining petroleum oil	30,000	25
Lorain	Building public hall and store rooms	6,000	26
Job Town	For the detection of horse thieves	.....	27
Coshocton	Medical science	500	28
Clifton	River transportation	16,000	29
New Lebanon	Building public hall	1,500	30
Xenia	Horse racing	2,500	31
Clifton	River transportation	16,000	32
Cincinnati	Protection of merchants	25,000	33
Cleveland	Boring for and refining petroleum	25,000	34
Castalia	Fishing and propagating fish	1,275	35
Toledo	M. gnetic telegraphy in Ohio	50,000	36
Toledo	" " "	50,000	37
Washington C. H.	Holding fairs and horse racing	20,000	38
Zanesville	Growing hedges	25,000	39
New Philadelphia.	"	25,000	40
Cincinnati	Opera House	160,000	41
Defiance..	Hunting, yachting, and fishing	1,000	42
Cleveland	Erecting and using a telephone	50,000	43
Cincinnati	Building tenement houses, stores, etc	200,000	44
Akron	Erecting and using a telephone	5,000	45
Sandusky	Cutting and dealing in ice	5,000	46
Painesville	Commercial college	3,500	47
Cin'ti and Bellaire	Magnetic telegraphy	5,000	48
Columbus	To advance the interests of trades and professions.	200	49
Dayton	Erecting and using a telephone	5,000	50
Portsmouth and Gallipolis	" "	3,000	51
Sandusky	Commercial	.....	52
Cincinnati	Boating and aquatic sports	2,000	53
Bellaire	Merchandising	2,000	54
Cincinnati	River transportation	10,000	55
Canton.....	Independent military company	300	56
Marietta and west State line	Magnetic telegraphy	250,000	57

COMPANIES INCORPORATED FOR VARIOUS PURPOSES—Continued.

Number.	Date of filing certificate.	Name of company.
	1879	
58	Sept. 23	The Ohio and Kanawha River Tow Boat Co
59	Oct. 1	Chicago Grain and Provision Exchange
60	22	The Musical Club
61	28	The Miamisburg and Farmersville Telephone Co
62	28	The Central Ohio Stock Yard Co
63	Nov. 5	Powhattan Steam Ferry Co
64	10	The Bell Telephone Exchange
65	10	The Miamisburg and Farmersville Telephone Co
66	14	The Memphis and Ohio River Packet Co

Location.	Purpose of organization.	Amount of capital stock.	Number.
Pomeroy	River transportation	$2,000	58
Toledo	Grain and commission business	100,000	59
Cincinnati	Cultivating taste for music	1,500	60
Miamisburg and Farmersville	Erecting and using a telephone	350	61
Columbus	General stock-yard business	25,000	62
Powhattan	Ferrying across the Ohio River	5,000	63
Cleveland	Erecting and using a telephone	50,000	64
Miamisburg and Farmersville	" " (supplemental)	600	65
Cincinnati	River transportation	20,000	66
		$2,066,830	

MISCELLANEOUS CORPORATIONS.

RAILROAD CONSOLIDATIONS.

May 7, 1879. The Toledo, Delphos and Burlington Railroad Company: Formed by the consolidation of the Toledo and Maumee Narrow Gauge Railroad Company; the Toledo, Delphos and Indianapolis Railway Company; Delphos and Kokomo Railway Company; Delphos, Bluffton and Frankfort Railroad Company.

August 4, 1879. The Lake Erie and Western Railway Company: Formed by the consolidation of the Lake Erie and Louisville Railroad Company of Ohio; the Indianapolis and Sandusky Railroad Company of Indiana. Capital stock, $3,000,000.

October 25, 1879. The Wabash, St. Louis and Pacific Railway Company: Formed by the consolidation of the Wabash Railway Company and St. Louis, Kansas City and Northern Railway Company, forming a line of railroad from Toledo, Ohio, to Council Bluffs, Iowa, via Kansas City.

EXTENSION OF BUSINESS.

December 17, 1878. Cleveland Steam Gauge Company: Extension of business to include manufacture of other articles.

July 8, 1879. The H. P. Horse Nail Company: Extension of business to include wire nails.

CHANGE OF TIME OF HOLDING ANNUAL MEETINGS.

January 9, 1879. Wheeling and Lake Erie Railroad Company: Change of time of annual meeting to third Wednesday in December.

January 21, 1879. The Jefferson Coal and Iron Company: Change of time of annual meeting to second Tuesday in January.

July 1, 1879. The Toledo Printing and Publishing Company: Change of time of annual meeting to second Monday in January.

CHANGE OF NAME.

February 8, 1879. Farmers' and Mechanics' Saving and Loan Association: Change of name to Farmers' and Mechanics' Bank of Cadiz. Decree of court.

February 19, 1879. Jeffersonville, Mt. Sterling and Columbus Railroad Company: Change of name to the Columbus, Jeffersonville and Cincinnati Railway Company. Decree of court.

May 15, 1879. Second Baptist Church of Cleveland, Ohio: Change of name to Euclid Avenue Baptist Church.

September 23, 1879. Murphy, Sherwin & Co.: Change of name to Murphy & Co. Decree of court.

October 16, 1879. Monroe Mutual Fire Insurance Company: Change of name to Woodsfield and Steubenville Mutual Fire Insurance Company. Decree of court.

ROAD SEPARATED INTO DIVISIONS.

April 3, 1879. Portsmouth and Columbus Turnpike Company, north: Road separated into divisions.

NAMES OF CITIES AND VILLAGES INCORPORATED,

AND TO WHICH TERRITORY HAS BEEN ANNEXED, WITH DATE OF FILING COPIES OF PROCEEDINGS AND PLATS, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

Number.	Date of filing	Name of city or village.	County.	Remarks.
	1878.			
1	Nov. 20	Saleeville	Guernsey	Village.
2	27	New Lebanon	Montgomery	"
3	Dec. 9	West Mansfield	Logan	"
4	9	Crestline	Crawford	Annexation of territory.
	1879.			
5	Jan. 2	Uniontown	Muskingum	" "
6	Feb. 13	New Concord	Guernsey	" "
7	Mar. 13	Euclid	Cuyahoga	Surrender of corporate rights.
8	19	Mentor	Lake	Annexation of territory.
9	Jan. 4	Galion	Crawford	Advanced to city of 4th grade 2d class.
10	May 9	Greenwich	Huron	Village.
11	20	Centerville	Montgomery	Hamlet.
12	30	West Chester	Tuscarawas	Village.
13	June 21	New Concord	Guernsey	Annexation of territory.
14	21	Wharton	Wyandot	Change of name and annexation.
15	24	Roseville	Muskingum	Annexation of territory.
16	July 17	Rising Sun	Wood	Village.
17	25	Home City	Hamilton	"
18	Aug. 19	Dalton	Wayne	Annexation of territory.
19	Sept. 3	Plain City	Madison	" "
20	Oct. 25	East Cleveland	Cuyahoga	Surrender of corporate rights.

STATIONERY ACCOUNT.

From whom purchased.	Double super-royal—reams.	Cost.	Super-royal—reams.	Cost.	Cover-paper—reams.	Cost.
On hand	562½	$2,945 15	4 87-96	$55 19		
Comly & Francisco	7-20	2 25			1¼	$6 04
Cleveland Paper Company	6228 11-20	26,878 41	3½	66 67	51 4-5	213 66
Nevins & Myers	1 1-24	9 00			17-48	6 10
Miller, Green & Joyce						
Chatfield & Woods						
Totals	6792 83-120	$29,834 81	8 23-96	$121 86	35 237-240	$225 80
To whom issued.						
House of Representatives						
Nevins & Myers	4917 13-20	$21,718 33			35 167-240	$220 90
Bindery	136	586 86				
Brand & Co	716	3,099 60				
Board of Agriculture						
Auditor of State			3½	$66 67		
Supreme Court Clerk						
Supreme Court Commission						
School Commissioner						
Secretary of State	1 1-24	9 00				
Supreme Court						
State Board Charities						
Codifying Commission	12	62 64				
Attorney-General					7-24	5 20
Law Library						
Senate						
Insurance Department			2-5	5 20		
Adjutant-General						
Railroad Commissioner						
Bureau Labor Statistics						
Treasurer of State						
Board of Public Works						
Executive Department			17-96			
Supervisor Public Printing						
Fund Commissioners			11-96	1 49		
Mines Inspector						
Total issued	5782 83-120	$25 476 45	4 1 40	$73 36	35 237-240	$225 80
On hand	1010	4,358 36	4 103-480	$48 50		

Double flat-cap—reams.	Cost.	Flat-cap—reams.	Cost.	Flat-letter—reams.	Cost.	Folio-post—reams.	Cost.	Demy—reams.	Cost.
1 447-480	$8 35	311-480	$1 34	5½	$11 41	18 403-480	$91 23	45-96	$5 90
11	65 28	38	77 62	4	8 64			9	42 88
366 11-35	1,098 09	114	218 88			73	151 11	½	9 50
				94	151 04				
								65	263 90
379 143 480	$1,171 72	152 311-480	$267 84	103½	$171 09	91 403-480	$242 34	74 31 32	$322 18
1 91-160	$4 68	5 3-16	$10 58	1 13-48	$2 03	1 47-96	$3 07	15 57-240	$63 50
349	1,062 48								
		1 1-12	2 08					1	4 06
1 11-24	4 34	34 221-480	69 91	4½	7 60	2 7 48	4 43	1 7-32	14 72
		83-96	1 67	45 96	76	1 5 96	2 17	4 55 96	19 96
		28 101-240	54 57	35-48	1 17	70 1-48	144 92	¼	2 03
4 7-480	12 01	1 73-96	3 38	12 11-96	19 75	389-480	1 68	9½	40 04
				3 11-12	6 30				
4 5-48	19 88			3	4 82			11½	46 98
		2½	4 08	1 21-32	3 05	13-48	56	11 1-16	67 94
1 207-240	5 56	36 59-96	71 10	33 1-32	53 06	1 29-96	2 71	3-16	76
1 3-32	3 27	8 227-240	16 94	9 23-120	14 71	3 83-96	8 00		
2 91-96	8 81								
		5 143-480	9 97	2 19-48	3 84				
				1 109-480	1 97				
2 35 96	12 61	27 31-48	53 08	1 5-19	2 28	3 37-96	7 00	¼	1 02
1 1-12	3 59	¼	48	10 19-96	16 36	1 12	18	1	4 63
				6 89-96	11 14				
				1 1-16	1 70				
367 367-480	$1,137 23	152 311-480	$297 84	93 271 480	$150 54	84 51-120	$174 72	61 67-249	$265 64
11 8-15	$34 49			9 329 480	$20 55	9 199-480	$67 62	13 331-480	$56 54

STATIONERY ACCOUNT.

NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

STATIONERY ACCOUNT.

From whom purchased.	Double super-royal—reams.	Cost.	Super-royal—reams.	Cost.	Cover-paper—reams.	Cost.
On hand	562½	$2,945 15	4 87-96	$55 19		
Comly & Francisco	7-20	2 25			1¼	$6 04
Cleveland Paper Company	6228 11-20	26,878 41	3½	66 67	51 4-5	213 66
Nevins & Myers	1 1-24	9 00			17-48	6 10
Miller, Green & Joyce						
Chatfield & Woods						
Totals	6792 83-120	$29,834 81	8 23-96	$121 86	35 237-240	$225 80
To whom issued.						
House of Representatives						
Nevins & Myers	4917 13-20	$21,718 33			35 167-240	$220 90
Bindery	136	586 86				
Brand & Co	716	3,099 60				
Board of Agriculture						
Auditor of State			3½	$66 67		
Supreme Court Clerk						
Supreme Court Commission						
School Commissioner						
Secretary of State	1 1-24	9 00				
Supreme Court						
State Board Charities						
Codifying Commission	12	62 64				
Attorney-General					7-24	5 20
Law Library						
Senate						
Insurance Department			2-5	5 20		
Adjutant-General						
Railroad Commissioner						
Bureau Labor Statistics						
Treasurer of State						
Board of Public Works						
Executive Department			17-96			
Supervisor Public Printing						
Fund Commissioners			11-96	1 49		
Mines Inspector						
Total issued	5782 83-120	$25 476 45	4 1 40	$73 36	35 237-240	$225 80
On hand	1010	4,358 36	4 103-480	$48 50		

Double flat-cap—reams.	Cost.	Flat-cap—reams.	Cost.	Flat-letter—reams.	Cost.	Folio-post—reams.	Cost.	Demy—reams.	Cost.
1 447-480	$8 35	311-480	$1 34	5½	$11 41	18 403-480	$91 23	45-96	$5 90
11	65 28	38	77 62	4	8 64			9	42 88
366 11-35	1,098 09	114	218 88			73	151 11	½	9 50
				94	151 04				
								65	263 90
379 143-480	$1,171 72	152 311-480	$267 84	103½	$171 09	91 403-480	$242 34	74 31-32	$322 18
1 91-160	$4 68	5 3-16	$10 58	1 13-48	$2 03	1 47-96	$3 07	15 57-240	$63 50
349	1,062 48								
		1 1-12	2 08					1	4 06
1 11-24	4 34	34 221-480	69 91	4½	7 60	2 7 48	4 43	1 7-32	14 72
		83-96	1 67	45 96	76	1 5 96	2 17	4 55 96	19 96
		28 101-240	54 57	35-48	1 17	70 1-48	144 92	½	2 03
4 7-480	12 01	1 73-96	3 38	12 11-96	19 75	389-480	1 68	9½	40 04
				3 11-12	6 30				
4 5-48	19 88			3	4 82			11½	46 98
		2½	4 08	1 21-32	3 05	13-48	56	11 1-16	67 94
1 207-240	5 56	36 59-96	71 10	33 1-32	53 06	1 29-96	2 71	3-16	76
1 3-32	3 27	8 227-240	16 94	9 23-120	14 71	3 83-96	8 00		
2 91-96	8 81								
		5 143-480	9 97	2 19-48	3 84				
				1 109-480	1 97				
2 35 96	12 61	27 31-48	53 08	1 5-12	2 28	3 37-96	7 00	¼	1 02
1 1-12	3 59	½	48	10 19-96	16 36	1 12	18	1	4 63
				6 89-96	11 14				
				1 1-16	1 70				
367 367-480	$1,137 23	152 311-480	$297 84	93 271-480	$150 54	84 51-120	$174 72	61 67-240	$265 64
11 8-15	$34 49			9 329-480	$20 55	9 199-480	$67 62	13 331-480	$56 54

STATIONERY ACCOUNT—Continued.

From whom purchased.	Steel pens—gross.	Cost.	Quill pens—dozen.	Cost.
On hand	197	$104 55	8	$49 74½
C. Huston				
J. R. Mills & Co	114	106 00	24	183 20
G. W. Gleason	1	90		
Short & Forman	86	65 30		
DeHaan & Co	10	10 00		
E. O. Randall & Co				
Elliott Jones & Co	1	1 00		
S. E. Brown				
Miller, Green & Joyce	157	101 15		
Totals	496	$388 90	32	$232 94½
To whom issued.				
Supreme Court Clerk	6	$4 64		
House of Representatives	99½	69 04	12 5-12	$67 56½
Board State Charities	2	2 00		
Treasurer of State	7	8 10	1-12	60
Executive Department	6 1-12	7 10		
Adjutant General	15 1-12	12 55	5-12	3 00
Auditor of State	8	6 45	1-6	1 04
Supreme Court	14	16 50		
Secretary of State	10	8 19	7-12	3 63
State Library	1	1 50		
Senate	87	60 40	10 1-6	72 00
Fund Commissioners				
Codifying Commission	8	8 50		
Attorney General	8	6 00		
School Commissioner	4	3 60	1-6	1 04
Insurance Department	6	4 79		
Railroad Commissioner	6 1-12	5 44	7-12	4 16
Law Library	2	3 00		
Supreme Court Commission	6	9 00		
Supervisor Public Printing	6	4 69		
Board Public Works	7	4 55		
Board of Agriculture	3	2 00		
Supreme Court Reporter				
Mines Inspector	1	60		
Bureau Labor Statistics	1	55		
Totals issued	313 7-12	$249 19	24 7-12	$173 03½
On hand	182 5-12	$139 71	7 5 12	$59 91

Ruling pens—number.	Cost.	Gold pens—number.	Cost.	Rubber rulers—number.	Cost.	Box wood rulers—number.	Cost.	Erasers—number.	Cost.	Ink fluid—bottles.	Cost.
41	$12 25	.....	.....	6	$4 50	84	$21 00	304	$73 45½	114	$54 28½
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	12 00
24	24 00	.....	.....	.....	.....	336	84 00	980	234 14	.....	.....
.....	.....	5	$21 55	.....	.....	.....	.....	.....	.....	2	1 75
.....	.....	.....	.....	.....	.....	.....	.....	432	57 24	72	36 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	4 00	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	4 50	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	168	84 00
65	$36 25	7	$30 05	6	$4 50	420	$105 00	1,716	$364 83½	368	$188 03½
6	$0 30	.....	.....	.....	.....	3	$0 75	.....	.....	10	$5 50
7	6 90	.....	.....	1	$0 75	148	37 00	313	$48 21	65	31 54½
.....	.....	.....	.....	.....	.....	.....	.....	1	17	2	1 00
2	1 80	.....	.....	.....	.....	.....	.....	13	2 99	7	3 48
1	90	.....	.....	.....	.....	1	25	12	2 02	4	2 60
.....	.....	.....	.....	.....	.....	.....	.....	5	85	8	4 00
.....	.....	6	$25 55	.....	.....	1	25	32	6 03	11	5 65
.....	.....	.....	.....	.....	.....	.....	.....	45	5 93	20	10 00
2	2 00	.....	.....	.....	.....	2	50	17	2 88	7	4 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	48
12	11 00	.....	.....	.....	.....	71	17 75	240	48 69	36	17 76
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	2 00
.....	.....	.....	.....	.....	.....	.....	.....	31	3 06	13	6 50
.....	.....	.....	.....	1	75	1	25	4	68	8	3 94
2	1 80	.....	.....	.....	.....	.....	.....	7	77	3	1 98
.....	.....	.....	.....	.....	.....	.....	.....	9	1 89	6	3 00
1	90	.....	.....	.....	.....	.....	.....	9	2 37	5	2 50
.....	.....	1	4 50	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	6	1 50	24	3 44	.....	.....
.....	.....	.....	.....	.....	.....	1	25	7	87	2	1 00
1	90	.....	.....	.....	.....	1	25	8	1 99	7	3 48
.....	.....	.....	.....	.....	.....	.....	.....	2	59	3	150
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1 50
34	$37 10	7	$30 05	2	$1 50	235	$58 75	779	$133 43	227	$114 41½
31	$9 15	.....	.....	4	$3 00	185	$46 75	937	$231 40½	141	$73 62

STATIONERY ACCOUNT—Continued.

From whom purchased.	Ink—copying.	Cost.	Ink—carmine.	Cost.	Mucilage—bottles.	Cost.
On hand	17	$14 12½	188	$64 44	661	$61 60
J. R. Mills & Co			20	18 50		
Short & Forman			74	13 80		
G. W. Gleason	3	1 68			144	10 80
Elliott, Jones & Co			1	60		
C. Huston						
Kilbourne, Jones & Co						
Totals	20	$15 80½	283	$97 34	805	$72 40
To whom issued.						
Supreme Court Clerk			6	$1 07	1	$0 10
Executive Department						
Auditor of State			7	3 83	24	1 62
Supreme Court Commission						
Supreme Court					24	1 84
Treasurer of State			2	2 10	12	72
Secretary of State			4	92	23	2 15
Senate			4	1 12	216	18 20
House of Representatives			4	3 14	144	13 36
Adjutant General			15	5 17	11	1 01
Insurance Department			2	1 84		
Codifying Commission			1	70	12	91
Board of Public Works			1	1 75	9	83
Fund Commissioners			3	1 91	6	56
Board State Charities					1	06
State Library	3	$1 68				
School Commissioner	1	84½			12	1 08
Railroad Commissioner					12	1 07
Bureau Labor Statistics			1	37	6	60
Attorney-General			2	52	6	54
Supervisor Public Printing			1	1 75	5	48
Board of Agriculture					12	1 08
Supreme Court Reporter						
Law Library						
Mines Inspector					1	10
Total issued	4	$2 52½	53	27 19	537	$46 31
On hand	16	13 28	2 30	70 15	268	$25 09

Mucilage—pints.	Cost.	Scissors and shears—pairs.	Cost.	Ink-stands—number.	Cost.	Paper-folders—number.	Cost.	Pen-holders—number.	Cost.
16	$6 00	410	$272 43	347	$149 65	29	$14 50	865	$19 60½
				222	68 70	432	125 60	3276	72 88
				12	10 20	18	9 00	96	21 50
				2	3 25				
128	48 00								
		281	168 48						
144	$54 00	691	$440 91	583	$231 80	479	$249 10	4237	$113 98½
		2	$1 07			2	$0 60	18	$3 89
1½	$0 56	7	5 27	2	$0 87			24	48
8	3 09	10	7 36	5	3 98	12	3 60	72	1 38
		12	7 95			6	3 00	41	1 86
		8	3 74	2	1 19	12	3 60	83	3 68
2	75	7	7 95	2	2 85	6	1 80	51	6 10
4	1 50	11	7 68	12	5 54	8	3 80	42	4 18
2	75	181	103 05	179	81 31	22	6 60	603	12 98½
2	75	255	163 33	167	79 18	136	45 40	1066	26 04
1½	57	7	404					60	4 53
4½	1 68							12	23
		3	4 34	6	2 61	7	2 10	29	4 05
		4	2 99	7	2 60	1	70	21	2 48
		1	40	2	1 00			12	23
				2	90			6	12
		4	2 03						
		1	67						
		12	7 84	2	1 70	2	1 00	18	35
1	37	2	1 07						
						2	80	9	76
		10	6 37	1	43	5	1 50	6	14
8	3 00			12	3 00			72	1 37
		1	40			6	1 80		
4	1 50							12	50
38½	$14 43	538	$336 65	401	$187 16	227	$76 30	2257	$75 35½
105½	$39 57	153	$104 26	182	$44 64	252	$172 80	1980	$38 63

STATIONERY ACGOUNT—Continued.

From whom purchased.	Letter books.	Cost.	Commission heads.	Cost.	Brooms (carpet).	Cost.
On hand			2,895	$233 70	51	$12 75
J. R. Mills & Co	30	$57 00				
Short & Forman	12	19 50				
Elliott Jones & Co						
J. McAvoy					84	21 00
C. Huston						
Miller, Green & Joyce						
Totals	42	$76 50	3,895	$233 70	135	$33 75
To whom issued.						
Supreme Court					1	$0 25
Supreme Court Commission						
Supreme Court Clerk						
Senate					12	3 00
House of Representatives					12	3 00
Codifying Commission					2	50
Executive Department	3	$6 00	3,100	$186 00	8	2 00
Insurance Department	4	8 00				
Adjutant General	2	3 25			6	1 50
Auditor of State	4	6 75			12	3 00
Secretary of State	2	5 00			8	2 00
Supervisor Public Printing	2	3 50				
Board State Charities						
Board of Public Works					1	25
Law Library					1	25
Fund Commissioners	1	2 50				
Board of Agriculture						
Treasurer of State					1	25
State Library					1	25
Attorney General	3	5 75			1	25
Bureau Labor Statistics						
School Commissioner	1	1 75			1	25
Railroad Commissioner					11	2 75
Total issued	22	$42 50	3,100	$186 00	78	$19 50
On hand	20	$34 00	795	$47 70	57	$14 25

Brooms (wisp).	Cost.	Sponges (large).	Cost.	Sponges (small).	Cost.	Sponge cups.	Cost.	Rubber bands—gross.	Cost.
35	$8 75	8	$4 00	164	$13 36	2	$0 40	265½	$175 73½
								432	141 24
						72	18 00	48	33 00
								¾	6 19
102	25 50	48	27 00	76	13 00				
								205	20 85
137	$34 25	56	31 00	240	26 36	74	18 40	951½	$377 01½
		1	$0 50	6	$1 50	1	$0 25	2	$1 65
								1	66
1	$0 25							12	9 19
39	9 75	7	3 50	18	1 80	6	1 50	48	10 65
4	1 00	3	1 50	1	25			152	41 93
3	75	1	50					9	6 10
2	50			5	50			29	9 69
				6	1 50			5	1 91
1	1 25	1	50	2	20			21	5 73
		3	1 50	36	3 40			7	3 55
15	3 75	4	2 00	14	1 84			22	8 71
3	75			1	07			9	6 29
		1	50	5	50	2	50	17	3 30
								1	67
								4	2 71
7	1 75	1	50	12	2 10			6	3 19
2	50	1	50	2	20			2	1 30
1	25							1	75
				1	10	1	25	1	88
		1	50					2½	3 97
5	1 25	5	2 75	8	1 10	2	40		
83	$30 75	29	$14 75	117	$15 06	12	$2 90	351½	$122 83
54	$13 50	27	$16 25	123	$11 30	62	$15 50	599½	$254 18½

STATIONERY ACCOUNT—Continued.

From whom purchased.	Feather dusters.	Cost.	Brush cups.	Cost.	Brushes.	Cost.	Chamois skins.	Cost.
On hand	1	$4 00	8	$6 00	55	$10 95	12	$9 00
C. Huston	62	237 00	.....	.....	3	4 35	84	78 00
J. M. & W. Westwater	.....	.....	.....	.....	.....	.....	.....	.....
Miller, Green & Joyce	.....	.....	.....	.....	.....	.....	.....	.....
J. R. Mills & Co	.....	.....	.....	.....	.....	.....	.....	.....
Short & Forman	.....	.....	.....	.....	.....	.....	.....	.....
G. W. Gleason	.....	.....	.....	.....	.....	.....	.....	.....
Kilbourne, Jones & Co	.....	.....	.....	.....	73	11 08	.....	.....
R. Wurlitzer & Bro	.....	.....	.....	.....	.....	.....	.....	.....
J. J. Callen	6	6 00	.....	.....	.....	.....	.....	.....
Abbott, Montgomery & Stoner	.....	.....	.....	.....	6	3 50	.....	.....
Totals	69	$247 00	8	$6 00	137	$29 88	96	$87 00
To whom issued.								
Auditor of State	5	$20 00	.....	.....	.....	.....	2	$2 00
Executive Department	4	11 00	1	$0 75	2	$0 35	3	3 00
Supreme Court Clerk	.....	.....	.....	.....	.....	.....	3	2 25
Supreme Court Commission	.....	.....	.....	.....	.....	.....	.....	.....
Supreme Court	2	8 00	.....	.....	1	20	2	2 00
School Commissioner	1	3 00	.....	.....	.....	.....	.....	.....
Codifying Commission	.....	.....	.....	.....	3	45	.....	.....
Secretary of State	10	29 00	.....	.....	11	6 50	7	5 50
Senate	5	20 00	.....	.....	24	4 38	11	8 75
House of Representatives	1	4 00	.....	.....	14	5 16	1	1 00
Railroad Commissioner	5	20 00	.....	.....	2	39	5	4 50
Law Library	.....	.....	.....	.....	.....	.....	.....	.....
State Library	3	12 00	.....	.....	4	1 18	2	2 00
Adjutant-General	5	20 00	.....	.....	1	20	.....	.....
Treasurer of State	2	8 00	.....	.....	.....	.....	3	2 75
Supervisor of Public Printing	3	11 00	.....	.....	1	20	5	4 50
Attorney-General	1	3 00	1	75	1	19 00	.....	.....
Board of Agriculture	.....	.....	.....	.....	.....	.....	.....	.....
Fund Commissioners	.....	.....	.....	.....	.....	.....	.....	.....
Insurance Department	.....	.....	.....	.....	.....	.....	.....	.....
Board Public Works	1	4 00	1	75	1	19	2	1 75
Board State Charities	.....	.....	.....	.....	.....	.....	.....	.....
Bureau Labor Statistics	.....	.....	.....	.....	.....	.....	.....	.....
Mines Inspector	1	4 00	.....	.....	1	09	.....	.....
Total issued	49	$177 00	3	$2 25	66	$19 48	46	$40 00
On hand	20	$70 00	5	3 75	71	$10 40	50	$47 00

Soap—cakes.	Cost.	Matches—boxes.	Cost.	Tumblers—number.	Cost.	Paper fasteners.	Cost.	Eyelets—boxes.	Cost.	Pen racks.	Cost.
454	$109 58	.....	.....	16	$1 33	11,100	$21 87	29	$8 70	25	$5 00
1,395	344 20	1,584	$127 20	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	24	2 00	.....	.....	.....	.....	.....	.....
264	22 44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	36,000	75 50	.....	.....	52	13 00
.....	.....	.....	.....	.....	.....	5,000	13 00	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24	5 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
30½	4 58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2,143½	$480 80	1,584	$127 20	40	$3 33	52,100	$110 37	29	$8 70	101	$23 00
252	$58 20	132	$11 00	.....	.....	100	$0 20	.....	.....	.....	.....
48	10 02	48	4 00	.....	.....	400	76	3	$0 90	.....	.....
24	6 00	42	3 50	.....	.....	1,000	1 95	.....	.....	.....	.....
12	3 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	3 00	36	3 00	.....	.....	.....	.....	.....	.....	.....	.....
3	75	72	6 00	.....	.....	.....	.....	.....	.....	.....	.....
18	3 51	96	8 00	.....	.....	.....	.....	6	1 80	.....	.....
131	30 52	96	8 00	.....	.....	1,000	2 00	.....	.....	3	70
368	85 12	168	14 00	6	$0 50	1,900	4 54	.....	.....	48	9 80
486	93 28	219	18 25	18	1 50	12,300	28 44	.....	.....	.....	.....
168	24 51	60	5 00	4	33	100	20	.....	.....	.....	.....
.....	.....	12	1 00	.....	.....	.....	.....	.....	.....	.....	.....
36	9 50	24	2 00	.....	.....	.....	.....	.....	.....	.....	.....
73	12 22	192	11 20	1	8	.....	.....	.....	.....	1	25
168	25 02	192	16 00	.....	.....	800	1 28	.....	.....	.....	.....
48	6 06	60	5 00	.....	.....	3,200	6 60	.....	.....	.....	.....
12	2 61	12	1 00	.....	.....	300	60	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
24	6 60	12	1 00	.....	.....	1,000	2 25	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
36	9 60	42	3 50	.....	.....	.....	.....	1	30	4	1 00
.....	.....	.....	.....	.....	.....	100	19	1	30	.....	.....
6	1 50	24	2 00	.....	.....	200	38	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1,741	$379 16	1,539	$123 45	29	$2 41	22,400	$49 48	11	$3 30	56	$11 75
402½	$101 64	45	$3 75	11	$0 92	29,700	$60 89	18	$5 40	45	$11 25

STATIONERY ACCOUNT—Continued

From whom purchased.	Punches and sets.	Cost.	Cork screws.	Cost.	Clips.	Cost.
On hand	5	$4 75	25	$6 25	7	$2 54
J. R. Mills & Co	.....	.....	.....	.....	18	12 75
G. W. Gleason	.....	.....	.....	.....	.....	.....
J. M. & W. Westwater	.....	.....	.....	.....	.....	.....
Siebert & Lilley	.....	.....	.....	.....	.....	.....
Kilbourne Jones & Co	15	3 75	.....	.....	.....	.....
C. Huston	.....	.....	10	10 00	.....	.....
Short & Forman	.....	.....	.....	.....	.....	.....
E. O. Randall & Co	.....	.....	.....	.....	.....	.....
Totals	20	$8 50	35	$16 25	25	$15 29
To whom issued.						
House of Representatives	13	$3 95	4	$1 00	.....	.....
Railroad Commissioner	.....	.....	1	25	.....	.....
Auditor of State	.....	.....	1	1 09	.....	.....
Attorney General	.....	.....	.....	.....	.....	.....
Board of Agriculture	.....	.....	.....	.....	.....	.....
State Library	.....	.....	.....	.....	1	$0 75
Board of Public Works	1	95	.....	.....	.....	.....
Senate	.....	.....	3	75	.....	.....
Codifying Commission	.....	.....	.....	.....	.....	.....
Secretary of State	1	95	.....	.....	1	75
Supreme Court Clerk	.....	.....	.....	.....	.....	.....
Supreme Court Commission	.....	.....	.....	.....	.....	.....
Supreme Court	.....	.....	1	25	.....	.....
Supreme Court Reporter	.....	.....	.....	.....	.....	.....
Insurance Department	.....	.....	.....	.....	.....	.....
Executive Department	.....	.....	.....	.....	.....	.....
Law Library	.....	.....	.....	.....	.....	.....
Board State Charities	1	95	.....	.....	.....	.....
Mines Inspector	.....	.....	.....	.....	.....	.....
Bureau Labor Statistics	.....	.....	.....	.....	.....	.....
School Commissioner	.....	.....	.....	.....	.....	.....
Fund Commissioners	.....	.....	.....	.....	.....	.....
Treasurer of State	.....	.....	1	25	.....	.....
Supervisor Public Printing	.....	.....	.....	.....	1	75
Adjutant General	.....	.....	.....	.....	.....	.....
Total issued	16	$6 80	11	$3 50	3	$2 25
On hand	4	$1 70	24	$12 75	22	$13 04

Paper weights—number.	Cost.	Twine—pounds.	Cost.	Paste cups—number.	Cost.	Bill files—number.	Cost.	Red tape—spools.	Cost.	White tape—bunches.	Cost.	Seals—number.	Cost.
71	$29 50	97	$20 67	15	$2 79	42	$31 03	28	$9 80	350	$28 00	7,800	$35 52
271	159 90	.....	.....	...	.....	...	.....	114	39 90	67	58 80	15,000	97 50
1	1 50	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
...	.....	.....	.....	12	1 20	...	.....	...	.....	.....	.....	.....	.....
6	12 00	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	362½	86 56	...	.....	...	.....	...	.....	.....	.....	.....	.....
...	.....	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
6	12 00	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
1	50	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
356	$215 40	479½	$107 43	27	$3 99	42	$31 03	142	$49 70	417	$86 80	22,800	$133 02
26	$28 84	136	$30 47	6	$0 84	3	$0 75	15	$5 25	211	$70 22	.....	.....
2	1 50	4	87	1	18	...	.....	1	35	.....	.....	.....	.....
1	50	18½	4 00	...	.....	...	.....	...	.....	.....	.....	.....	.....
1	2 00	3	60	...	.....	...	.....	6	2 10	.....	.....	.....	.....
....	.....	21	4 56	...	.....	...	.....	3	1 05	.....	.....	.....	.....
....	.....	13½	2 78	1	10	...	.....	...	.....	.....	.....	.....	.....
...	.....	4½	91	...	.....	...	.....	7	2 45	.....	.....	100	$0 50
63	27 27	45	9 49	6	1 15	8	2 50	...	.....	.....	.....	.....	.....
....	.....	3	72	1	18	...	.....	...	.....	10	80	.....	.....
4	3 50	32	6 70	2	37	2	50	...	.....	6	48	1,000	8 00
....	.....	.....	.....	...	.....	1	74	6	2 10	.....	.....	.....	.....
....	.....	.....	.....	...	.....	...	.....	...	.....	5	40	.....	.....
....	.....	4½	95	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	3	78	...	.....	9	2 25	...	.....	.....	.....	7,800	35 52
4	6 50	6	1 12	1	19	...	.....	2	70	.....	.....	1,000	8 00
1	75	8½	1 92	...	.....	...	.....	...	.....	.....	.....	.....	.....
1	50	.....	.....	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	6	1 08	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	9½	1 76	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	10	2 62	...	.....	...	.....	...	.....	.....	.....	.....	.....
....	.....	.....	.....	...	.....	...	.....	1	35	.....	.....	.....	.....
2	1 00	9	2 39	...	.....	...	.....	...	.....	.....	.....	.....	.....
2	1 25	.....	.....	...	.....	1	25	...	.....	.....	.....	.....	.....
2	4 00	7½	1 58	1	18	...	.....	2	70	.....	.....	1,000	8 00
119	$71 61	346½	$75 30	19	$3 19	24	$6 99	43	$15 05	232	$72 00	10,900	$60 32
237	$143 79	133	$32 13	8	$0 80	18	$24 04	99	$34 65	185	$14 80	11,900	$72 70

STATIONERY ACCOUNT—Continued.

From whom purchased.	Ribbons—bolts.	Cost.	Paper-cutters—number.	Cost.	Diaries—number.	Cost.	Knife-erasers—number.	Cost.	Blank-books—number.	Cost.
On hand	12	$6 00	24	$9 76	39	$68 76½	311	$387 95	493	$163 55 1-6
J. R. Mills & Co					361	633 00	14	18 00	259	170 45
G. W. Gleason									21	13 76
Strobridge & Co									30	57 09
Short & Forman					12	21 09	12	25 50	338	127 88
C. Huston							14	34 75		
Siebert & Lilley									11	9 55
Miller, Green & Joyce									63	22 63
E. O. Randall & Co					24	34 00				
Kilbourne, Jones & Co							1148	1,649 60		
Total	12	$6 00	24	$9 76	436	$756 76½	1499	$2,115 80	1215	$564 76 1
To whom issued.										
Supreme Court Clerk	3	$1 50	3	$1 22	3	$5 25	9	$12 75	9	$3 90
Supreme Court Commission					10	14 16	11	16 25	6	2 70
Senate			11	4 47	70	122 50	317	448 09	167	67 34
House of Representatives					163	285 16	425	541 48	292	108 13
Fund Commissioners					1	1 75	3	3 67	1	20 00
Executive Department					4	7 00	4	5 92	12	3 00
Secretary of State					35	61 01	52	82 64	97	40 55
Attorney-General					2	3 50	5	7 42	1	75
Adjutant-General					22	38 50	27	27 59	10	7 00
Mines Inspector					2	3 50	2	2 10	3	1 60
Insurance Department					5	8 75	9	8 31	6	6 36
Bureau Labor Statistics					1	1 75	2	1 27	3	1 80
Auditor of State					12	20 40	18	27 00	36	59 80
Board of Agriculture					1	1 75	1	42	26	6 80
Supervisor Public Printing					2	3 50	17	18 95	12	5 49
Railroad Commissioner					4	7 00	13	15 85	2	1 23
Treasurer of State					7	12 25	10	11 27		
School Commissioner					3	5 25	3	2 82	1	90
Board Public Works					16	28 00	9	12 78	52	37 52
Supreme Court					10	14 16	25	28 50	3	1 19
Law Library					6	9 18	2	3 50	6	2 88
Codifying Commission					8	14 00	19	26 75	26	19 95
State Library					1	1 75	4	5 00		
Supreme Court Reporter					1	1 75	1	2 25		
Board State Charities									3	1 41
	3									
Total issued		$1 50	14	$5 69	389	$671 82	988	1,316 58	774	$380 60
	9									
On hand		$4 50	10	$4 07	47	$84 94½	511	$799 22	441	$184 16 1-6

Scotch hones—number.	Cost.	Buckets—number.	Cost.	Arm-rests—number.	Cost.	Sealing-wax—pounds.	Cost.	Stationery cases—number.	Cost.	Scrap books—number.	Cost.	Divider.—Number.	Cost.
3	$0 75	21	$9 62½	3	$1 80	5 1-6	$3 88	4	$4 00	16	$19 80	1	$0 27
.....	.....	.....	.....	.....	.....	10	7 50	6	6 00	69	86 00	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6 00	6	5 10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
24	12 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
27	$12 75	21	$9 62½	3	$1 80	15 1 6	$11 38	10	$10 00	91	$111 80	7	$5 37
.....	.....	.....	.....	.....	.....	8	$6 00	.....	.....	5	$6 50	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	2	$0 91	1	$0 60	.....	.....	.....	.....	1	1 00	....	.....
1	$0 50	.....	.....	1	60	.....	.....	.....	.....	10	13 50	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	2	90	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
1	25	3	1 35	.....	.....	.....	.....	1	1 00	4	3 80	1	$0 85
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1 50	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	4 00	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1 50	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
1	50	3	1 35	.....	.....	1	75	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1 50	....	.....
1	25	.....	.....	.....	.....	.....	.....	.....	.....	2	2 50	....	.....
.....	.....	1	45	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4 50	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1 50	....	.....
.....	.....	2	92	1	60	.....	.....	.....	.....	3	3 50	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
1	50	1	45	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	2	92½	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	....	.....
.....	.....	.....	.....	.....	.....	.....	.....	1	1 00	1	1 50	....	.....
5	$2 00	16	$7 26½	3	$1 80	9	$6 75	2	2 00	37	46 80	1	85
22	$10 75	5	$2 36	.....	.....	6 1-6	$4 63	8	8 00	54	65 00	6	4 52

STATIONERY ACCOUNT—Continued.

From whom purchased.	Office pins—packages.	Cost.	Thermometers.	Cost.	Ink vents.	Cost.	File boxes.	Cost.
On hand	1 3-12	$1 30	4	$10 64	13	$3 25	186	$91 25½
Miller, Green & Joyce	60	42 80						
G. W. Gleason								
Nevins & Myers								
Bindery							400	183 33
Siebert & Lilley							156	70 60
J. M. & W. Westwater								
Short & Forman	10	9 00						
J. R. Mills & Co							94	15 30
Snider & Hoole								
Totals	71½	$53 10	4	$10 64	13	$3 25	766	$360 58½
To whom issued.								
House of Representatives	17⅔	$14 00	1	$2 66			11	$5 50
Board State Charities								
Senate	20 1-6	14 32			1	$0 25	1	50
Railroad Commissioner	1⅙	1 37					1	65
Adjutant General	1⅚	1 43					5	2 57
Codifying Commission	¼	36						
Treasurer of State							12	6 00
Board of Agriculture	2	1 44						
Supreme Court	1-6	12						
Supreme Court Clerk	¼	36					400	183 33
Supreme Court Commission	¼	35						
Secretary of State	2 5-6	2 29			2	50	18	9 07
Executive Department	1	70					82	41 08
Auditor of State							150	65 50
State Library			1	2 66				
Fund Commissioners							6	3 00
Board of Public Works	⅛	18					2	1 25
Attorney General	1⅛	1 26			1	25		
Insurance Department							9	4 80
Bureau Labor Statistics							18	8 94
School Commissioner							18	10 85
Supervisor Public Printing	¼	36					2	1 30
Mines Inspector							6	3 00
Law Library								
Total issued	50 11-12	$38 54	2	$5 32	4	$1 00	741	$347 34
On hand	20⅛	$14 56	2	$5 32	9	$2 25	25	$13 24½

Desk blotters.	Cost.	Waste baskets.	Cost.	Spittoons.	Cost.	Pencil protectors—dozen.	Cost.	Card board—sheets.	Cost.	Pen pullers—gross.	Cost.	Dust pans.	Cost.
12	$12 00	59	$29 50	5	$4 20	32½	$9 62	.....	.....	1	$5 00	12	$2 04
.....	.....	.....	.....	.....	.....	.....	.....	2,400	$7 35	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	42	3 36	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	6	3 00	24	20 16	.....	.....	.....	.....	.....	.....	.....	.....
12	12 00	.....	.....	.....	.....	36	11 16	5,000	14 50	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	60	21 00	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	8	10 00	.....	.....	.....	.....	.....	.....
24	$24 00	65	$32 50	29	$24 36	136½	$51 78	7,442	$25 21	1	$5 00	12	$2 04
3	$3 00	.....	.....	.....	.....	6	$1 86	421	$2 84	.....	.....	2	$0 34
.....	.....	.....	.....	.....	.....	½	13	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	30½	9 23	21	1 68	.....	.....	.....	.....
.....	.....	.....	.....	1	$0 84	6	1 83	.....	.....	.....	.....	.....	.....
2	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	17
2	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	3	2 52	2	66	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	2	1 68	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	3	$1 50	.....	.....	1	25	.....	.....	.....	.....	.....	.....
1	1 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1	1 00	1	50	3	2 52	21½	14 21	100	29	.....	.....	.....	.....
1	1 00	.....	.....	2	1 68	.....	.....	1,800	6 00	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	1	25	6 00	1 35	.....	.....	1	17
.....	.....	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	½	15	.....	.....	.....	.....	.....	.....
1	1 00	.....	.....	10	8 40	.....	.....	.....	.....	.....	.....	.....	.....
2	2 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	1	84	.....	.....	.....	.....	.....	.....	.....	.....
2	2 00	1	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	1	31	.....	.....	.....	.....	.....	.....
15	$15 00	6	$3 00	22	$18 48	70½	$28 88	2,942	$12 16	.....	.....	4	$0 68
9	$9 00	59	$29 50	7	$5 88	66½	$22 90	4,500	$13 05	1	$5 00	8	$1 38

STATIONERY ACCOUNT—Continued.

From whom purchased.	Reporters' pads.	Cost.	Assessors' paper—reams.	Cost.	Requisition books.	Cost.
On hand	17	$9 96	5	$37 60	2	$1 20
J. M. & W. Westwater						
Kilbourne, Jones & Co						
L. C. Aston	232	16 24				
Comly, Francisco & Co	200	20 00				
Bindery	1,440	72 00				
Cleveland Paper Co			80 183-480	759 06		
Short & Forman						
J. R. Mills & Co	960	77 10				
R. H. Gardner & Co						
C. Huston						
Braun & Bruck						
Totals	2,849	$195 30	85 183-480	$796 66	2	$1 20
To whom issued.						
House of Representatives	576	$32 24			1	$0 60
Board State Charities	6	30				
Senate	422	24 10				
Railroad Commissioner	52	3 08				
School Commissioner	15	1 05				
Adjutant-General	25	1 25	1	$7 52		
Codifying Commission	120	7 20				
Treasurer of State	84	4 80				
Board of Agriculture	36	2 04				
Supreme Court	90	7 56				
Supreme Court Clerk	51	2 73				
Supreme Court Commission	48	2 40				
Secretary of State	164	10 55				
Executive Department	48	2 40				
Auditor of State	58	3 74	82 123-480	773 16		
State Library	24	1 20				
Fund Commissioners						
Board of Public Works	37	2 38				
Attorney-General	44	2 46				
Insurance Department	12	60				
Bureau Labor Statistics	12	72				
Mines Inspector	3	15				
Supervisor Public Printing	2	1 16				
Law Library	6	42				
Total issued	1,935	$114 53	83 123-480	$780 68	1	$0 60
On hand	914	$80 77	2½	$15 98	1	$0 60

Tie envelopes—dozen.	Cost.	Gum arabic—pounds.	Cost.	Pounce—bottles.	Cost.	Soap-dishes.	Cost.	Match-safes.	Cost.	Call-bells.	Cost.
5½	$4 15									1	$2 50
						6	$0 96				
								6	$2 10		
43 2-12	41 84			12	$1 44						
								12	3 00		
		2	$1 50								
		7	10 00								
		4	5 75								
48 5-6	$45 99	13	$17 25	12	$1 44	6	$0 96	18	$5 10	1	$2 50
16½	$20 00	1	$1 50					1	$0 35		
		1	1 50								
1½	1 44										
		6	11 75								
								2	70		
12½	9 93										
¼	30					1	$0 16	3	95		
8½	6 00					1	16				
		3	2 50	1	$0 12						
								2	70		
										1	$2 50
39½	$37 67	13	$17 25	1	$0 12	2	$0 32	8	$2 70	1	$2 50
9½	$8 32			11	$1 32	4	$0 64	10	$2 40		

DEPARTMENT OF STATE,

BUREAU OF STATISTICS.

STATISTICAL REPORT

OF THE

SECRETARY OF STATE,

TO THE

GENERAL ASSEMBLY OF OHIO,

FOR THE YEAR 1879.

OFFICE OF THE SECRETARY OF STATE,
COLUMBUS, OHIO, *January* 5, 1880.

To the General Assembly of Ohio:

In compliance with the statute, which provides that it shall be the duty of the Secretary of State, annually, to prepare, from the official reports and from whatever other reliable sources to which he may obtain access, as full, accurate, and intelligible tables of the statistics of the State as may be in his power, and report the result of his labors to the General Assembly at its next meeting, I have the honor herewith to submit my third annual report, being for the year ending November 15, 1879.

Very respectfully,

Your obedient servant,

MILTON BARNES,
Secretary of State.

ELECTION STATISTICS

OF OHIO.

ELECTION STATISTICS OF OHIO.

VOTE ON GOVERNOR FROM 1803 TO 1850 INCLUSIVE.

Year.	Names.	Vote.	Total vote.
1803	Edward Tiffin	4,564	4,564
1805	Edward Tiffin	4,783	4,783
1807	Return J. Meigs	6,050	
	Nathaniel Massie	4,757	10,807
1808	Samuel Huntington	7,293	
	Thomas Worthington	5,601	
	Thomas Kirker	3,397	16,291
1810	Return J. Meigs	9,924	
	Thomas Worthington	7,731	17,655
1812	Return J. Meigs.	11,859	
	Thomas Scott	7,903	19,752
1814	Thomas Worthington	15,879	
	Othniel Looker	6,171	22,050
1816	Thomas Worthington	22,931	
	James Dunlap	6,295	
	Ethan A. Brown	1,607	30,833
1818	Ethan A. Brown	30,194	
	James Dunlap	8,075	38,269
1820	Ethan A. Brown	34,836	
	Jeremiah Morrow	9,426	
	William H. Harrison	4,348	
	Scattering	240	48,850
1822	Jeremiah Morrow	26,059	
	Allen Trimble	22,889	
	William W. Irwin	11,050	60,008
1824	Jeremiah Morrow	39,526	
	Allen Trimble	37,108	76,634
1826	Allen Trimble	71,475	
	John Bigger	4,114	
	Alex. Campbell	4,765	
	Benjamin Tappan	4,192	
	Scattering	187	84,733
1828	Allen Trimble	53,970	
	John Campbell	51,951	
	Scattering	112	106,033
1830	Duncan McArthur	49,668	
	Robert Lucas	49,186	
	Scattering	226	99,080

VOTE ON GOVERNOR—Continued.

Year.	Names.	Vote.	Total vote.
1832	Robert Lucas	71,251	
	Darius Lyman	63,185	
	Scattering	33	
			134,469
1834	Robert Lucas	70,738	
	James Findlay	67,414	
	Scattering	38	
			138,190
1836	Joseph Vance	92,204	
	Eli Baldwin	86,158	
	Scattering	200	
			178,562
1838	Wilson Shannon	107,884	
	Joseph Vance	102,146	
	Scattering	7	
			210,037
1840	Thomas Corwin	145,442	
	Wilson Shannon	129,321	
	Scattering	8	
			274,762
1842	Wilson Shannon	119,774	
	Thomas Corwin	117,902	
	Leicester King	5,134	
	Scattering	40	
			242,850
1844	Mordecai Bartley	146,333	
	David Tod	145,062	
	Leicester King	8,898	
	Scattering	11	
			300,304
1846	William Bebb	118,869	
	David Tod	116,484	
	Samuel Lewis	10,797	
	Scattering	46	
			246,196
1848	Seabury Ford	148,250	
	John B. Weller	147,886	
	Scattering	939	
			297,075
1850	Reuben Wood	133,093	
	William Johnson	121,105	
	Edward Smith	13,747	
	Scattering	93	
			269,038

VOTES CAST AT STATE AND PRESIDENTIAL ELECTIONS, FROM 1852 TO 1879, INCLUSIVE.

Year.	Officers to be elected.	Names of candidates.	Votes each received.	Total vote cast.
1852	President	Winfield Scott	152,523	
		Franklin Pierce	168,933	
		John P. Hale	31,732	
				353,188
1853	Governor	Nelson Barrere	85,857	
		William Medill	147,663	
		Samuel Lewis	50,346	
				283,866
1854	Supreme Judge	Joseph R. Swan	186,498	
		S. F. Norris	109,075	
				295,573
1855	Governor	S. P. Chase	146,770	
		William Medill	131,019	
		Allen Trimble	24,276	
				302,065
1856	President	John C. Fremont	187,497	
		James Buchanan	170,874	
		M. Fillmore	28,126	
				386,497
1857	Governor	S. P. Chase	160,568	
		H. B. Payne	159,065	
		P. Van Trump	10,272	
				329,905
1858	Supreme Judge	William V. Peck	182,942	
		Thomas W. Bartley	162,610	
				345,552
1859	Governor	W. Dennison, Jr	184,557	
		R. P. Ranney	171,226	
				355,783
1860	President	Abraham Lincoln	221,809	
		Stephen A. Douglas	187,421	
		John Bell	12,193	
		John C. Breckinridge	11,303	
		Gerritt Smith	136	
				442,962
1861	Governor	David Tod	206,997	
		H. J. Jewett	151,794	
				358,791
1862	Secretary of State	Wilson S. Kennon	178,755	
		W. W. Armstrong	184,315	
				363,070
1863	Governor	John Brough	288,374	
		C. L. Vallandigham	187,492	
				475,866
1864	Secretary of State	William Henry Smith	237,210	
		W. W. Armstrong	182,439	
				419,649
1864	President	A. Lincoln	265,654	
		George B. McClelland	205,599	
				471,253
1865	Governor	J. D. Cox	233,633	
		George W. Morgan	193,797	
				417,430
1866	Secretary of State	William Henry Smith	256,302	
		Benjamin Lefever	213,606	
				469,908
1867	Governor	R. B. Hayes	243,605	
		A. G. Thurman	240,622	
				484,227
1868	Secretary of State	I. R. Sherwood	267,065	
		Thomas Hubbard	249,682	
				516,747
1868	President	U. S. Grant	280,167	
		H. Seymour	238,621	
				518,788

Year.	Officers to be elected.	Names of candidates.	Votes each received.	Total vote cast.
1869	Governor	R. B. Hayes	235,081	
		G. H. Pendleton	227,580	
		Samuel Scott	679	
				463,340
1870	Secretary of State	Isaac R. Sherwood	221,709	
		William Heisley	205,014	
		Jay Odell	2,862	
				429,585
1871	Governor	Edward F. Noyes	238,273	
		George W. Cook	218,105	
		Gideon T. Stewart	4,084	
				460,462
1872	Secretary of State	A. T. Wikoff	265,830	
		Aquila Wiley	251,780	
		F. Schumacher	2,045	
				519,655
1872	President	U. S. Grant	281,852	
		Horace Greeley	244,321	
		James Black	2,000	
		Charles O'Conor	1,163	
		Scattering	162	
				529,498
1873	Governor	William Allen	214,654	
		Edward F. Noyes	213,837	
		Gideon T. Stewart	10,278	
		Isaac C. Collins	10,109	
				448,878
1874	Secretary of State	William Bell, Jr	238,406	
		Allen T. Wikoff	221,204	
		John R. Buchtel	7,815	
				467,455
1875	Governor	Rutherford B. Hayes	297,817	
		William Allen	292,273	
		Jay Odell	2,593	
		Scattering	17	
				592,700
1876	Secretary of State	Milton Barnes	317,856	
		William Bell, Jr	311,220	
		E. S. Chapman	1,863	
				633,062
1876	President	Rutherford B. Hayes	330,698	
		Samuel J. Tilden	323,182	
		G. Clay Smith	1,636	
		Peter Cooper	3,057	
		James B. Walker	76	
		Scattering, etc	1,122	
				659,771
1877	Governor	William H. West	249,105	
		Richard M. Bishop	271,625	
		Lewis H. Bond	12,489	
		Stephen Johnston	16,912	
		Henry A. Thompson	4,836	
				557,503
1878	Secretary of State	Milton Barnes	274,120	
		David R. Paige	270,966	
		Andrew Roy	38,332	
		Jeremiah N. Robinson	5,682	
				591,089
1879	Governor	Charles Foster	336,261	
		Thomas Ewing	319,132	
		Gideon T. Stewart	4,145	
		A. Sanders Piatt	9,072	
		John Hood	547	
				670,711

TABLE SHOWING THE MAJORITIES IN EACH COUNTY FOR THE YEARS 1876, 1877, 1878, AND 1879.

Counties.	President, 1876.		Governor, 1877.		Secretary of State, 1878.		Governor, 1879.	
	Tilden.	Hayes.	West.	Bishop.	Barnes.	Paige.	Foster.	Ewing.
Adams	405			359		200		209
Allen	1037			1092		986		1023
Ashland	635			703		503		612
Ashtabula		4477	3221		3466		4013	
Athens		1218	517		956		1072	
Auglaize	2039			1191		1388		1426
Belmont	48			577		266		103
Brown	1112			1148		1607		1248
Butler	2678			2416		2290		2078
Carroll		506	423		550		627	
Champaign		656	697		857		1093	
Clarke		1600	566		1285		1561	
Clermont	467			816		793		393
Clinton		1462	1057		1176		1538	
Columbiana		1417	814		1419		1348	
Coshocton	794			658		539		651
Crawford	2053			1917		1565		1980
Cuyahoga		3773	990		4738		5556	
Darke	1090			1335		1222		1103
Defiance	1368			1078		1072		1106
Delaware		428		118	247		232	
Erie		46		62	42		313	
Fairfield	1827			1744		1808		1890
Fayette		562	266		394		508	
Franklin	1826			2776		1816		880
Fulton		1100	414		714		866	
Gallia		900	589		550		837	
Geauga		2196	1542		1743		2069	
Greene		1994	1028		1494		2142	
Guernsey		646	360		523		652	
Hamilton	582			3369	1164		3645	
Hancock	404			488		441		397
Hardin		128			122		279	
Harrison		544	320		390		529	
Henry	918			876		1096		1032
Highland		18		35		147	105	
Hocking	784			711		465		704
Holmes	1930			1780		1500		1901
Huron		1490	820		1852		946	
Jackson		568	158		283		402	
Jefferson		1145	694		1098		1073	
Knox	150			475		579		154
Lake		1800	1253		1214		1576	
Lawrence		1026	233		970		1136	
Licking	1511			1737		1589		1370
Logan		973	672		772		1244	
Lorain		2467	1724		2380		2402	
Lucas		1369		484		227		93
Madison		46	38			44	162	
Mahoning		230	127		878		326	
Marion	685			718		426		745
Medina		927	615		828		970	
Meigs		1189	807		1253		1236	
Mercer	1712			1168		1322		1728
Miami		879	549		980		1223	
Monroe	2343			1835		1863		1869
Montgomery	1050			1619		1205		710
Morgan		268	84		128		320	

MAJORITIES IN EACH COUNTY—Continued.

Counties.	President, 1876.		Governor, 1877.		Secretary of State, 1878.		Governor, 1879.	
	Tilden.	Hayes.	West.	Bishop.	Barnes.	Paige.	Foster.	Ewing.
Morrow		404		3	271		300	
Muskingum	225			702		244	398	
Noble		129	21			89	309	
Ottawa	872			998		1246		964
Paulding		133		11	74		79	
Perry	726			758		704		469
Pickaway	824			981		1001		913
Pike	631			586		702		518
Portage		706	407		770		548	
Preble		453	105		199		325	
Putnam	1568			1431		1438		1488
Richland	758			1096		912		858
Ross	254			639		155		105
Sandusky	298			717		806		784
Scioto		334		294	206		336	
Seneca	722			936		865		706
Shelby	1156			979		926		914
Stark	362			1024	200		109	
Summit		1251	382		723		1315	
Trumbull		3103	2179		2147		2943	
Tuscarawas	971			1101		901		810
Union		867	606		846		803	
Van Wert	120			181		98		105
Vinton	284			499		345		352
Warren		1587	1306		1476		1776	
Washington	131			589		235	367	
Wayne	589			871		457		478
Williams		155	23			11	133	
Wood		834	207		211		586	
Wyandot	540			683		541		530
Total majorities	40,478	47,994	25,844	48,364	41,589	38,435	52,328	35,199
Net majorities		7,516		22,520	3,154		17,129	

ANALYSIS OF VOTE OF OHIO FOR 1877 AND 1878.

Number.	Counties.	Aggregate vote in 1877.	Aggregate vote in 1878.	Vote of October, 1878, compared with October, 1877.					
				Change in aggregate.		Change in Democratic vote.		Change in Republican vote.	
				Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.
1	Adams	4,121	4,957	836		328		487	
2	Allen	5,195	4,975		220		191		85
3	Ashland	4,977	5,205	228		14		214	
4	Ashtabula	7,308	7,139		169		412		167
5	Athens	4,808	4,208	400			320	119	
6	Auglaize	3,456	3,691	235		77			93
7	Belmont	9,154	8,887		267		414		102
8	Brown	5,622	6,266	644		476		17	
9	Butler	8,065	7,907		158	40		156	
10	Carroll	3,386	3,359		27		111	16	
11	Champaign	5,938	5,918		20		157	3	
12	Clarke	6,665	7,799	1,134		72		791	
13	Clermont	7,225	7,724	499			134		111
14	Clinton	4,621	5,131	510		218		337	
15	Columbiana	8,260	8,277	17			465	140	
16	Coshocton	5,149	5,344	195			9	110	
17	Crawford	5,270	5,798	528			9	343	
18	Cuyahoga	25,394	27,400	2,006		2,533		1,215	
19	Darke	7,133	7,493	360		255		368	
20	Defiance	3,587	3,517		70	54		60	
21	Delaware	5,219	5,880	661		84		449	
22	Erie	5,333	5,702	369		72		176	
23	Fairfield	6,552	6,946	294		204		140	
24	Fayette	3,731	4,298	567		210		338	
25	Franklin	13,884	16,288	2,404		567		1,527	
26	Fulton	3,164	3,936	772		143		413	
27	Gallia	4,628	5,084	456		254		215	
28	Geauga	3,014	2,962		52		222		2
29	Greene	5,440	5,479	39			117	349	
30	Guernsey	5,134	5,317	183			21	142	
31	Hamilton	47,290	51,195	3,905		3,933		8,466	
32	Hancock	5,280	5,535	255			50		
33	Hardin	5,515	5,804	289		62		184	
34	Harrison	4,165	3,976		189		173		
35	Henry	2,863	3,146	283		20			
36	Highland	6,132	6,556	424		252		170	
37	Hocking	3,064	3,481	417			56	190	
38	Holmes	3,807	3,330		477		376		
39	Huron	6,127	6,849	722			940	92	
40	Jackson	3,921	4,407	486		166		291	
41	Jefferson	6,058	6,005		53		328	76	
42	Knox	6,031	6,376	345		9			96
43	Lake	5,156	3,501	346		52		13	
44	Lawrence	5,571	6,040	469			105	632	
45	Licking	8,336	8,615	279			69	79	
46	Logan	4,988	4,914		74		56	44	
47	Lorain	6,223	7,027	804			144	512	
48	Lucas	9,957	10,860	903		366		623	
49	Madison	4,324	4,365	41		10			72
50	Mahoning	7,163	7,223	60			136	615	
51	Marion	3,882	4,088	206			56	231	

Aggregate vote, 1878.	Aggregate vote, 1879.	Comparison of vote of 1879 with vote of 1878.										
		Change in aggregate		Change in Republican vote.		Change in Democratic vote.		Change in Greenback vote.		Change in Prohibition vote.		
		Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Number.
4,957	5,016	59	..	42	..	51	....	....	7	2	.....	1
4,975	6,262	1,287	..	721	....	758	..	....	192	.....	4	2
5,205	5,821	616	..	241	..	350	..	....	2	6	.....	3
7,139	8,721	1,582	...	1,264	....	717	....	...	243	.....	116	4
5,208	5,858	650	...	674	..	558	...	....	374	.....	215	5
3,691	4,558	867	....	445	....	483	....	....	20	.....	.....	6
8,887	10,714	1,827	...	1,300	....	1,138	...	....	622	12	.....	7
6,266	7,101	835	..	679	....	320	....	....	161	2	.....	8
7,907	9,337	1,430	....	859	....	647	....	....	52	10	.....	9
3,359	3,790	331	....	271	....	194	....	....	47	4	.....	10
5,918	6,641	723	....	520	..	284	..	....	16	.....	55	11
7,799	9,199	1,400	....	1,059	....	782	..	....	125	.....	259	12
7,724	8,175	451	....	735	...	345	...	....	626	1	.....	13
5,131	5,716	585	....	486	....	124	....	3	.....	.....	3	14
8,277	10,060	1,783	....	1,193	....	1,264	....	....	664	.....	2	15
5,344	6,176	832	..	400	....	512	....	....	79	.....	.....	16
5,798	6,628	830	....	289	....	704	....	....	215	22	.....	17
27,400	30,089	2,689	....	4,647	....	3,829	....	....	5,311	.....	523	18
7,493	8,577	1,084	....	979	....	560	....	....	180	31	.....	19
3,517	4,540	1,023	....	617	...	651	....	....	251	1	.....	20
5,890	6,526	636	...	414	....	429	....	....	76	.....	106	21
5,702	6,370	668	....	656	....	415	...	....	429	12	.....	22
6,946	7,823	877	..	386	...	468	...	1	.....	3	.....	23
4,298	4,888	590	...	352	...	238	...	....	51	5	.....	24
16,288	18,256	1,968	...	1,578	...	942	....	....	930	120	.....	25
3,936	4,224	288	...	485	...	333	...	....	522	2	.....	26
5,084	5,855	771	....	527	....	240	...	3	.....	7	.....	27
2,962	3,712	750	...	609	...	283	....	...	120	.....	25	28
5,479	7,097	1,618	...	1,202	...	554	...	...	37	.....	34	29
5,317	5,799	482	..	336	...	207	...	...	109	46	.....	30
51,195	56,485	5,290	...	3,994	...	1,513	...	....	401	20	.....	31
5,535	6,296	761		545	...	504	...	....	315	5	.....	32
5,804	6,369	565	..	404	...	247	...	....	4	.....	85	33
3,976	4,790	814	...	510	...	371	...	...	71	1	.....	34
3,146	4,012	866	...	707	....	643	...	....	507	.....	.....	35
6,556	7,042	486	....	358	...	106	...	3	.....	5	.....	36
3,481	4,140	659	...	312	...	551	....	...	173	....	.....	37
3,330	4,476	1,146	....	362	....	763	...	....	17	20	.....	38
5,849	7,649	800	....	783	....	1,689	...	....	1,739	43	.....	39
4,404	4,487	80	....	130	...	11	...	....	50	.....	14	40
6,005	6,999	994	....	734	....	759	...	....	449	.....	31	41
6,376	6,916	540	....	789	....	364	....	...	550	.....	70	42
3,501	3,891	390	....	489	...	127	....	....	237	11	.....	43
6,040	6,882	842	....	648	...	482	...	....	228	.....	21	44
8,615	9,591	979	...	982	...	763	....	....	817	.....	20	45
4,914	5,842	928	...	711	....	239	....	11	.....	.....	21	46
7,027	7,885	858	....	660	...	638	....	....	388	.....	53	47
10,860	12,043	1,183	....	1,858	...	1,724	....	....	2 443	.....	11	48
4,365	5,033	668	....	460	...	254	....	....	1	.....	66	49
7,223	8,316	1,093	....	617	...	1,169	....	....	965	16	.....	50
4,088	7,903	815	....	262	....	581	....	....	20	.....	7	51

ANALYSIS OF VOTE OF OHIO FOR 1877 AND 1878—Continued.

Number.	Counties.	Aggregate vote, Oct., 1877.	Aggregate vote, Oct., 1878.	Vote of October, 1878, compared with October, 1877.					
				Change in aggregate.		Change in Democratic vote.		Change in Republican vote.	
				Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.
52	Medina	4,569	4,539		30		152	61	
53	Meigs	5,616	6,453	837		247		693	
54	Mercer	2,609	3,129	520		306		152	
55	Miami	6,718	6,850	132			181	250	
56	Monroe	4,053	4,148	95		20			8
57	Montgomery	14,952	16,335	1,383		642		1,056	
58	Morgan	4,209	4,410	201		60		104	
59	Morrow	4,148	4,338	190			90	184	
60	Muskingum	9,687	9,997	310			166	292	
61	Noble	4,134	4,078		56		229		339
62	Ottawa	3,029	3,3 7	288		41			207
63	Paulding	2,021	2,335	314		113		198	
64	Perry	4 840	5,359	519			99	153	
65	Pickaway	5,324	5,713	389			167	147	
66	Pike	2,924	3,472	548		305		189	
67	Portage	6,030	6,159	129			173	190	
68	Preble	5,040	5,285	245		40		134	
69	Putnam	3,849	3,328		21		66		73
70	Richland	7,384	6,907		477		347		163
71	Ross	7,664	8,297	633			14	470	
72	Sandusky	5,507	6,187	680			319	408	
73	Scioto	5,550	6,206	656		69		569	
74	Seneca	7,120	8,044	924		265		336	
75	Shelby	4,222	4,222				204	49	
76	Stark	11,920	11,729		191		688	536	
77	Summit	7,661	8,108	447			48	293	
78	Trumbull	7,973	7,437		536		432		464
79	Tuscarawas	7,092	6,972		120		381		181
80	Union	4,540	4,227		313		334		94
81	Van Wert	4,214	4,397	183		75		158	
82	Vinton	3,025	3,267	242		46		200	
83	Warren	5,562	6,155	593		235		405	
84	Washington	7,643	7,992	349			192	162	
85	Wayne	7,575	8,136	561		51		465	
86	Williams	4,661	4,830	169			27		61
87	Wood	5,395	6,668	1,273		178		182	
88	Wyandot	4,167	4,382	215		43		185	
	Totals	557,503	591,088	37,095	3,510	10,704	11,363	27,753	2,738

Aggregate vote, 1878.	Aggregate vote, 1879.	Comparison of vote of 1879 with vote of 1878.										Number.
		Change in aggregate.		Change in Republican vote.		Change in Democratic vote.		Change in Greenback vote.		Change in Prohibition vote.		
		Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	Increase.	Decrease.	
4,539	5,285	746	----	498	---	356	----	----	68	------	27	1
6,453	6,954	501	----	389	----	406	----	----	232	------	60	2
3,129	3,805	676	----	258	----	461	----	26	-----	------	------	3
6,850	8,250	1,400	----	825	----	582	----	23	-----	------	58	4
4,148	4,989	841	----	159	----	165	----	532	------	-----	1	5
16,335	18,103	1768	----	1,180	----	685	----	----	156	------	37	6
4,410	4,660	250	----	251	----	59	----	----	35	----	28	7
4,338	4,612	274	----	179	----	150	----	----	52	10	------	8
9,997	10,981	984	----	1,057	----	415	----	----	450	24	------	9
4,078	4,563	485	----	598	----	200	----	---	329	16	-----	10
3,317	3,616	299	----	572	----	290	----	----	561	1	-----	11
2,335	2,521	186	----	118	----	113	---	---	45	-----	-----	12
5,359	5,839	480	---	587	----	352	--	----	474	4	----	13
5,713	6,234	521	---	337	----	249	----	----	86	6	----	14
3,472	3,721	249	----	256	----	72	----	---	55	-----	23	15
6,159	6,937	778	--	431	----	653	----	--	294	-----	17	16
5,285	5,782	497	---	357	----	231	----	---	31	----	66	17
3,828	4,689	861	---	447	----	497	---	----	95	20	-----	18
6,907	8,617	1,710	----	935	--	851	---	--	47	------	58	19
8,297	8,943	646	----	491	---	441	----	---	276	-----	-----	20
6,187	6,411	224	----	731	---	709	----	---	1,217	13	------	21
6,206	6,563	357	----	186	----	56	----	32	-----	----	4	22
8,044	8,700	656	--	576	----	417	--	----	436	18	---	23
4,222	4,991	769	---	478	----	605	---	----	249	-----	5	24
11,729	14,122	2,393	---	1,553	--	1,644	--	---	811	-----	2-	25
8,108	9,237	1,129	----	1,223	----	631	---	----	585	-----	44	26
7,437	9,471	2,034	----	1,698	---	902	----	----	574	11	------	27
6,972	8,513	1,541	---	1,082	----	991	----	----	503	7	------	28
4,227	5,269	1,042	----	511	----	554	----	5	-----	------	32	29
4,397	4,893	496	----	258	----	265	----	----	44	-----	8	30
3,267	3,459	192	----	89	----	96	----	7	-----	2	------	31
6,155	6,709	554	---	427	----	127	----	----	2	6	-----	32
7,992	9,053	1,061	---	879	----	277	---	----	99	5	-----	33
8,136	9,003	867	---	524	----	545	--	---	218	29	-----	34
4,830	5,486	656	---	492	----	348	----	---	182	3	-----	35
6,668	7,252	584	----	872	----	497	---	----	824	28	-----	36
4,382	5,099	717	--	375	----	364	----	--	2	------	-----	37
591,088	670,711	79,623	----	62,131	----	48,157	---	646	29,906	610	2,240	

ABSTRACT OF VOTES CAST FOR REPRESENTATIVES TO THE FORTY-SIXTH CONGRESS OF THE UNITED STATES FROM THE STATE OF OHIO IN 1878.

FIRST DISTRICT.

County.	Benjamin Butterworth.	Milton Sayler.	Milford Spohn.	Peter H. Clark.	W. G. Halpin.
Hamilton	12,756	12,036	156	275	16
Majority	720				

SECOND DISTRICT.

County.	Thomas L. Young.	Leonard W. Goss.	Geo. W. Platt.	Solomon Ruthenberg.	Scattering.
Hamilton	12,914	11,940	272	260	3
Majority	974				

THIRD DISTRICT.

Counties.	Emanuel Schultz.	John A. McMahon.	Michael P. Nolan.	David Staley.
Montgomery	7616	8302	244	112
Butler	2905	4849	72	.....
Warren	3831	2286	12	15
Totals	14,352	15,437	328	127
Majority		1,085		

FOURTH DISTRICT.

Counties.	J. Warren Keifer.	William V. Marquis.	W. A. Hance.	S. K. Spahr.	Scattering.
Champaign	3291	2425	64	118	.....
Clarke	4143	2813	464	276	1
Greene	3375	1881	94	41	.....
Logan	2639	2109	88	45	.....
Union	2447	1577	190	2	.....
Totals	15,895	10,805	900	482	1
Majority	5,090				

FIFTH DISTRICT.

Counties.	Harrison Wilson.	Benjamin Le Fever	Stephen Johnson.	John H. Blackford.	Scattering.
Auglaize	1065	2193	342		
Darke	2977	3933	449	20	7
Mercer	854	1978	241		
Miami	3722	2164	824	94	
Preble	2638	2316	64	205	
Shelby	1587	2092	472		
Totals	12,843	14,676	2392	319	7
Majority		1,833			

SIXTH DISTRICT.

Counties.	James L. Price.	Willliam D. Hill.	William C. Holgate.	Scattering.
Allen	1866	2834	232	
Defiance	1015	2092	363	
Fulton	2009	1332	563	
Henry	607	1816	682	
Paulding	1136	1093	103	
Putnam	1051	2502	253	
Van Wert	2144	2169	53	1
Williams	2244	2272	295	
Totals	12,072	16,110	2,544	1
Majority		4,038		

SEVENTH DISTRICT.

Counties.	James B. Luckey.	Frank H. Hurd.	Henry Kahlo.	W. G. Waters.	Scattering.
Hancock	2343	2732	443		
Lucas	3137	3546	4094	4	
Ottawa	1027	1693	580		
Sandusky	1920	2697	1527		
Wood	2851	2514	1249		3
Totals	11,278	13,182	7893	4	3
Majority		1,904			

EIGHTH DISTRICT.

Counties.	Charles Foster.	Ebenezer B Finley.	Orlando C. Brown.	Martin Deal.	Scattering.
Crawford	2232	3255	217	43	
Hardin	3020	2706	4	59	
Marion	1850	2130	59	34	
Morrow	2176	1826	157	144	4
Seneca	3710	3966	421		
Wyandot	1994	2354	2		
Totals	14,982	16,237	860	280	4
Majority		1,255			

NINTH DISTRICT.

Counties.	Lorenzo English.	George L. Converse.	Christopher Lewis.	James H. Coulter.	Scattering.
Delaware	2856	2565	101	310	
Fayette	2292	1956	86		
Franklin	7176	7900	964	119	2
Madison	2100	2135	28	79	
Pickaway	2374	3230	96		
Totals	16,798	17,786	1275	508	2
Majority		988			

TENTH DISTRICT.

Counties.	Valentine B. Horton.	Thomas Ewing.	Francis F. Smart.	Henry S. Scott.	Scattering.
Fairfield	2572	4354			
Gallia	2777	2292			
Hocking	1419	1971	76		
Meigs	3961	2328	100	27	18
Vinton	1516	1734			
Totals	12,245	12,679	176	27	18
Majority		434			

ELEVENTH DISTRICT.

Counties.	W. W. McKnight.	Henry L. Dickey.	John R. Printy.	Scattering.
Adams	2403	2499	4	
Brown	2307	3771	154	1
Clermont	3025	3733	946	
Clinton	3123	1968	1	4
Highland	3128	3384	2	1
Totals	13,986	15,355	1107	6
Majority		1,369		

TWELFTH DISTRICT.

Counties.	Henry S. Neal.	James Emmitt.	William M. Suiter.	Wm. J. Kirkendall.	Scattering.
Jackson	2349	1922	32	69	3
Lawrence	3499	2088	394	16	.....
Pike	1374	1900	88	37	.....
Ross	4102	3722	297	.....	1
Scioto	3242	2858	31	.....	9
Totals	14,566	12,490	842	122	13
Majority	2,076				

THIRTEENTH DISTRICT.

Counties.	Nelson H. Van Voorhes	A. J. Warner.	George E. Geddes.	J. M. McElhinny.	Scattering.
Athens	2934	1740	362	155	.....
Monroe	1172	2779	136	2	.....
Morgan	2201	2037	38	112	.....
Noble	1760	1807	464	8	.....
Washington	3760	3587	487	37	1
Totals	11,827	11,950	1487	314	1
Majority		123			

FOURTEENTH DISTRICT.

Counties.	Isaac Morton.	Gibson Atherton.	Thomas J. McGinnis.	Scattering.
Guernsey	2673	2325	196	.....
Licking	2943	4589	931	.....
Muskingum	4540	4783	588	1
Perry	1907	2653	776	.....
Totals	12,063	14,350	2491	1
Majority		2,287		

FIFTEENTH DISTRICT.

Counties.	Goshorn A. Jones.	George W. Geddes.	George W. Pepper.	Charles W. Kohr.	Scattering.
Coshocton	2332	2889	106	5	1
Holmes	993	2298	5	2	.....
Knox	2299	2983	881	172	.....
Richland	2709	3865	86	69	.....
Tuscarawas	2596	3562	771	8	.....
Totals	11,029	15,597	1849	256	1
Majority		4,568			

SIXTEENTH DISTRICT.

Counties.	William McKinley, Jr.	Aquila Wiley.	Alfred M. Hunter.	James A. Brush.
Ashland	2435	2731	7	
Portage	3245	2469	378	56
Stark	5931	5027	719	38
Wayne	3878	4028	168	
Totals	15,489	14,255	1,272	94
Majority	1,234			

SEVENTEENTH DISTRICT.

Counties.	James Monroe.	Lewis Miller.	Scattering.
Erie	2613	3069	
Huron	3415	3344	
Lorain	4450	2515	
Medina	2648	1853	
Summit	4087	3794	1
Totals	17,213	14,575	1
Majority	2,638		

EIGHTEENTH DISTRICT.

Counties.	Jonathan T. Updegraff.	Daniel T. Lawson.	George Smith.	William M. Grimes.	David F. Lawson.
Belmont	3842	4305	685	3	
Carroll	1899	1270	96	3	90
Columbiana	4294	3076	839		
Harrison	2077	1768	80	11	
Jefferson	3208	2174	531	20	
Totals	15,320	12,593	2,231	37	90
Majority	2,727				

NINETEENTH DISTRICT.

Counties.	James A. Garfield.	John C. Hubbard.	Grandison N. Tuttle.	C. W. Reeves.	Scattering.
Ashtabula	4916	1566	386		16
Geauga	2208	441	247		1
Lake	2161	757	528		
Mahoning	3592	2647	1181		
Trumbull	4289	2142	806	98	
Totals	17,166	7,553	3,148	98	17
Majority	9,613				

TWENTIETH DISTRICT.

Counties.	Amos Townsend.	Joseph M. Poe.	William H. Doan.	Gilbert O. Shove.
Cuyahoga	13,081	7,271	2,085	4,934
Majority	5,810			

ABSTRACT OF VOTES CAST FOR SENATORS TO THE GENERAL ASSEMBLY OF OHIO AT THE ELECTION HELD OCTOBER 14, 1879.

FIRST DISTRICT.—*Hamilton County.*

Republicans.	Votes.	Democrats.	Votes.
Charles Fleischmann	29,783	P. J. Donham	25,832
Josiah Kirby	29,722	Conrad Harris	25,781
Benjamin Eggleston	29,490	Thos. H. Johnson	25,897
Nationals.		**Socialist.**	
Milford Spohn	93	J J. McNally	537
T. T. Markland	100	Joseph Winkler	524
Dennis Mahoney	96	Louis Thie	533

SECOND DISTRICT.

Counties.	J. L. Mounts.	James E. Campbell.
Butler	3689	5549
Warren	4272	2400
Totals	7961	7949
Majority	12	

THIRD DISTRICT.

Counties.	John F. Sinks.	G. H. Eidson.	Lorenzo Stubbs.
Montgomery	8836	8970	162
Preble	2936	2611	190
Totals	11,772	11,581	352
Majority	191		

FOURTH DISTRICT.

Counties.	George P. Tyler.	DeWitt C. Loudan.
Brown	4058	2917
Clermont	4061	4026
Totals	8119	6943
Majority	1176	

FIFTH DISTRICT.

Counties.	A. R. Creamer.	Wm. Smith.
Clinton	3609	2047
Fayette	2698	2123
Greene	4581	2285
Totals	10,888	6455
Majority	4433	

SIXTH DISTRICT.

Counties.	A. L. Brown.	J. C. McDonald.
Highland	3585	3431
Ross	4463	4456
Totals	8048	7887
Majority	161	

SEVENTH DISTRICT.

Counties.	J. K. Pollard.	F. D. Bayless.
Adams	2413	2537
Jackson	2469	1999
Pike	1612	2087
Scioto	3383	3041
Totals	9877	9664
Majority	213	

EIGHTH DISTRICT.

Counties.	Lindsey Kelly.	Wm. C. Cline.	J. H. M. Montgomery.	Jonathan Morris.	James W. Martin.	A. R. McIntosh.
Gallia	3311	3303	2369	2478	28	18
Lawrence	3920	3932	2807	2847	7	10
Meigs	4059	4000	2821	2836	50	47
Vinton	1539	1462	1895	1927	2	2
Totals	12,828	12,697	9892	10,088	87	77
Majority	2740	2605				

NINTH DISTRICT.

Counties.	L. Eggleston.	B. W. Carlisle.	Ed. L. Carlton.	Jno. W. Bates.
Athens	3375	2261	119	88
Fairfield	2914	4839	.....	.....
Hocking	1618	2393	.....	100
Totals	7907	9493	119	198
Majority		1586		

TENTH DISTRICT.

Counties.	Henry C. Taylor.	A. R. Van Cleaf.
Franklin	8504	9216
Pickaway	2638	3560
Totals	11,142	12,776
Majority		1632

ELEVENTH DISTRICT.

Counties.	Thos. J. Pringle.	Jas. K. Newcomer.	P. J. Carmichael.	J. Loudenbach.
Champaign	3797	2732	38	39
Clarke	5238	3534	248	121
Madison	2557	2389	43	14
Totals	11,952	8655	329	174
Majority	2937			

TWELFTH DISTRICT.

Counties.	Jennison Hall.	Geo. W. Moore.	D. K. Gillespie.
Darke	3666	4748	3
Miami	4743	3296	.....
Shelby	2045	2932	.....
Totals	10,454	10,976	3
Majority		522	

THIRTEENTH DISTRICT.

Counties.	L. M. Strong.	Wm. M. Goodlove.
Hardin	3363	3022
Logan	3455	2220
Marion	2033	2784
Union	2958	2140
Totals	11,809	10,166
Majority	1643	

FOURTEENTH DISTRICT.

Counties.	Francis B. Pond.	John Irvine.	Oliver F. Flint.	Dr. S. Branson.
Monroe (part of in Washington)	44	95	46	.....
Morgan	2451	2072	.....	113
Noble (part of in Washington)	169	72	1	.....
Washington	3296	2972	377	142
Noble (part of in Morgan)	845	900	.....	28
Totals	6805	6111	384	283
Majority	694			

FIFTEENTH DISTRICT.

Counties.	R. E. Chambers.	Lyman J. Jackson.	Jeptha Doudna.	Thomas Drake.
Muskingum	5626	5236	89	39
Perry	2497	2905	1	392
Totals	8123	8141	90	431
Majority		18		

SIXTEENTH DISTRICT.

Counties.	Thomas F. Joy.	F. M. Marriott.
Delaware	3674	2762
Licking	4125	5375
Totals	7799	8137
Majority		338

SEVENTEENTH AND TWENTY-EIGHTH DISTRICT.

Counties.	A. R. McIntire.	Jno. H. Hudson.	Leckey Harper.	J. J. Sullivan.	Wm. Bonar.	L. L. Benson.
Knox	3314	3217	3354	3426	131	126
Morrow	2302	2301	2004	1998	186	195
Holmes	1232	1257	3077	3157	19	19
Wayne	4217	4215	4715	4713	27	27
Totals	11,065	10,990	13,150	13,297	363	367
Majority			2085	2307		

EIGHTEENTH DISTRICT.

Counties.	E. A. Parrish.	Beriah Wilkins.	Isaiah Randalls.
Coshocton	2759	3378	3
Tuscarawas	3678	4540	202
Totals	6437	7918	205
Majority		1581	

NINETEENTH DISTRICT.

Counties.	John W. Doherty.	Frank Atkinson.	Nathaniel Horton.
Guernsey	3702	2834	46
Monroe	1270	2944	594
Noble (part of)	774	569	150
Totals	5746	6347	790
Majority		601	

TWENTIETH DISTRICT.

Counties.	D. A. Hollingsworth.	John Conwell.	Scattering.
Belmont	5312	5326	12
Harrison	2657	2038	
Totals	7969	7364	12
Majority	605		

TWENTY-FIRST DISTRICT.

Counties.	E. A. Hartshorn.	Edwin Ferrel.	Jacob Justus.	William Baxter.
Carroll	2143	1580	54	.....
Stark	7018	6872	179	27
Totals	9161	8452	233	27
Majority	709			

TWENTY-SECOND DISTRICT.

Counties.	R. G Richards.	J. W. Collins.	Wm. J. Metcalf.	W. J. Harrison.
Columbiana	5604	4175	19	.....
Jefferson	3967	2911	.....	17
Tota's	9571	7086	19	17
Majority	2485			

TWENTY-THIRD DISTRICT.

Counties.	H. B. Perkins.	Wm. J. Metcalf.	Jacob Harshman.	William Baxter.	C. F. Kingbury.
Mahoning	4199	4051	.....	21	.....
Trumbull	6034	490	2792	.....	119
Totals	10,233	4541	2792	21	119
Majority	5692				

TWENTY-FOURTH DISTRICT.

Counties.	Peter Hitchcock.	J. D. Hulbert.	D. B. Hart.
Ashtabula	6262	2151	137
Geauga	2786	744	70
Lake	2670	1057	138
Tota's	11,718	3952	345
Majority	7766		

TWENTY-FIFTH DISTRICT.

County.	T. J. Carran.	H. H. Dodge.	Fred. A. Behlen.	Jay Odell.
Cuyahoga	17,125	12,136	464	187
Majority	4989			

TWENTY-SIXTH DISTRICT.

Counties.	D. D. Beebe.	W. J. Cook.	Isaac Brayton.
Portage	3655	3224	57
Summit	8841	7140	144
Totals	12,496	10,364	201
Majority	2132		

TWENTY-SEVENTH AND TWENTY-NINTH DISTRICTS.

Counties.	R. A. Horr.	Thos. M. Beer.	D. G. Wadsworth.	H. L. McCray.	Jason Mathers.	F. D. Phillips.
Ashland	2455	2657	3141	3139	.....	.....
Lorain	4806	5068	2712	2653	104	102
Medina	3031	3123	2157	2137	.....	.....
Richland	3850	3859	4735	4721	.....	.....
Totals	14,142	14,707	12,765	12,650	104	102
Majority	1397	2057				

THIRTIETH DISTRICT.

Counties.	Wm. Kelley.	H. M. Roby.	C. S. Parker.	H. E. O'Hagan.	R. C. Betts.	O. J. Mowry.	S. D. Seymour.	H. M. Strait.
Erie	3189	3222	2985	3054	105	111	6	5
Huron	4183	4258	3068	3141	125	140	177	174
Ottawa	1376	1312	2254	2191	27	30	.....	.....
Sandusky	2608	2612	3411	3423	336	327	54	52
Totals	11,356	11,404	11,718	11,809	593	608	237	231
Majority			362	405				

THIRTY-FIRST DISTRICT.

Counties.	Stephen R. Harris.	Moses H. Kirby.	John Flick.	Martin Deal.
Crawford	1402	4197	45	147
Seneca	3866	4680	119	.....
Wyandot	2240	2825	1	18
Totals	7508	11,702	165	165
Majority		4194		

THIRTY-SECOND DISTRICT.

Counties.	Nathan J. Johnson.	G. M. Saltzgaber.	S. N. Gutridge.	Samuel Amsburgh.
Allen	2593	3563	.....	.....
Auglaize	1470	2817	169	.....
Defiance	1686	2799	.....	.....
Mercer	1113	2541	.....	.....
Paulding	14	1205	.....	.....
Van Wert	2376	2459	1	.....
Williams	2759	2628	.....	95
Totals	12,011	18,012	170	95
Majority		6001		

THIRTY-THIRD DISTRICT.

Counties.	Hiram S. Walbridge.	Dr. Jno. A. Wilkin.	Seth L. Curtis.
Fulton	2495	1576	115
Hancock	2947	3319	.....
Henry	1476	2483	21
Lucas	5421	4440	2046
Putnam	1559	3046	59
Wood	3803	3135	242
Totals	17,701	17,999	2483
Majority		298	

VOTE FOR MEMBERS OF THE HOUSE OF REPRESENTATIVES

Counties.	Republicans.		Democrats.	
	Names.	Vote.	Names.	Vote.
Adams	N. H. Edgington	2423	J. L. Coryell	2525
Allen	Hiram Thomas	2610	W. H. McCullough	3519
Ashland	Dr. Wm. Wirt	2598	John Bull	3147
Ashtabula	Freeman Thorp	6195	R. O Rote	2144
"	N. E. French	6201	Lewis Waters	2236
Athens	Charles Townsend	3410	Alex. McVicker	2209
Auglaize	Henry Moser	1540	L. C. Sawyer	2726
Belmont	Solomon Hogue	5616	G R Atkinson	5324
Brown	W. J. Scrofe	2914	Robert Cochran	4072
Butler	John A. Whiteside	3610	John R Brown	5548
Carroll	Thomas Leggett	2208	Wm. Rutledge	1522
Champaign	Thos A. Cowgill	3807	Geo. R. Kizer	2650
Clarke	N. M. McConkey	5147	J. E. Fennimore	3626
"	E G. Dial	5151	L. N. Lorenz	3603
Clermont	Nelson Stevens	3958	James Crosson	3971
"	Leonard W. Bishop	4009	Ira Fergeson	4013
Clinton	D. S. King	3596	W. B. Telfair	2043
Columbiana	S. C. Kerr	5602	Samuel Irvine	4135
Coshocton	Thos. J. Platt	2791	John Hardy	3309
Crawford	T. J. Monnett	2163	J. E. Cory	4218
Cuyahoga	John C. Covert	17128	E J. Blandin	11837
"	M. L. Dempcy	17186	Joseph Poe	11679
"	L A. Palmer	17417	James Lawrence	12433
"	Geo. T. Chapman	16863	C. C. Shelentrager	12479
Darke	S. P. Albright	3693	W. Long	4759
"	J. B. Creviston	3619	Charles Negley	4651
Defiance	Jno. S. R. Evans	1702	Benjamin Patton	2796
Paulding	J. S. Jones	1353	David H. Elliott	1147
Delaware	A. H. Pearl	3359	Job Fish	3104
Erie	B. A. Thomas	2929	Robert Sharpe	3008
Fairfield	William Millikin	2641	E L Ford	4759
Fayette	L D. Myers	2193	John H. Groom	8686
Franklin	Emmitt Mix	8239	Benjamin Reese	8974
"	Van S Seltzer	8219	W. T. Wallace	8818
Fulton	Chas. L. Allen	8334	G. P. Campbell	1613
Gallia	L. M. Beman	2523	William Fulton	2484
Geauga	I. N. Hathaway	3320	A. W Benton	770
Greene	J. W. Greene	2742	J. W. Baldwin	2400
Guernsey	Roland S. Frame	4509	Samuel J. McMahon	2566
Hamilton	L. M. Dayton	3130	Samuel B air	26212
"	Peter Stryker	29720	A. R. Von Martels	26083
"	Chas C. Davis	29628	William Lusby, Jr	25948
"	D. Gano Ray	29861	A. McMicken	25825
"	F Kirchner	29619	S. Y. Brackenridge	25936
"	Wm. H. Hill	29721	Chas N. Danenhaur	26069
"	Joseph E. Heart	29739	John Hagarty	25902
"	Geo. W. Williams	29711	Philip T. Turpin	25948
"	Lewis Voight	27656	John J Sullivan	25672
Hancock	Wm. B. Miller	29582	Wm H. Wheeler	2274
Hardin	S. E. Young	2979	Nathan Ablefeld	2992
Harrison	Oliver G. Cope	3315	Wm. H. Host	2133
Henry	M. A. Dickey	2611	H Groschner	2517
Highland	J. J. Pugsley	1425	John A. Patterson	3386
Hocking	S. H. Bright	3622	S. S. Wolf	2242
Holmes	Wm. M. Ross	1790	James A. Estell	3017
Huron	John A. Williamson	1317	W. I. Vail	3283
Jackson	James B. Paine	4138	Levi Dungan	2101
Jefferson	Thos. B. Scott	2345	William Ewing	2833

IN THE SIXTY-FOURTH GENERAL ASSEMBLY.

Nationals.		Prohibitionists.		
Names.	Vote.	Names.		Vote.
H. S. Morrison	141	E. B Sinn		77
		D. W. Donnan		78
M. B. Cooley	89	J. P. Weethe		96
E. H. Lameyer	167			
Geo. W. Milligan	11			
John H. Pangburn	25			
Uriah Thomas	55			
W. B Mahon	64	Tandy S. Collins		45
—— Delo	256	—— Pitkins		124
—— Byrd	239	Wallace M. Park		117
Robert McCready	252			
Wilson C. Starkey	27			
Enos Flick	46	James Paul		140
P. W. Cook	441	D. P. Badger		165
D. F. Sleeper	455	J. F. Hulett		167
Charles Leavitt	465	J. W. Jorden		168
J. P. Pryor	417	Charles Teachout		176
Newton Peters	71	W. S. Harper		52
James W. Mills	69	S. B. Tagger		50
Melvin Stone	100			
L. Meeker	173	Jacob B. Beauman		245
L B. Williams	170	Zeno Z Payne		239
Henry Knipfer	174			
Simeon Weed	20			
D. M. Allen	71			
		F. W. Rose		63
		I. T. Woods		58
William Multner	95	Robert Derfus	Socialists.	568
Hugh Riley	94	Edward Huffman		573
H. D. Porter	98	Michael McCarthy		564
Henry Gram	93	C. F. Elgert		561
Gilbert B Martin	110	August Ehlers		565
John Smith	87	Wm. Stuebing		557
R. H. H. Wheeler	101	Wm. Broehme		566
Joseph Langlais	91	John Ehmann		573
James McGuire	108	Joseph Roeller		564
Seth H. Todd	156			14
		W. M. Cope		15

VOTE FOR MEMBERS OF THE HOUSE OF REPRESENTATIVES—Continued.

Counties.	Republicans.		Democrats.	
	Names	Vote.	Names.	Vote.
Knox	Wm. M. Koons	3494	Clark Irvine	3131
Lake	Geo. W. Clement	2595	Thomas S. Harbach	1082
Lawrence	L. W. Ellsworth	3956	C. W. McCoy	2873
Licking	S. R. Moore	4027	Benj. Brownfield	5240
"	Wm. H. Palmer	4042	J. L. Tyler	5329
Logan	James Walker	3444	Wm. McIlree	2928
Lorain	Lucius Herrick	5072	C. Wock	2645
Lucas	N. M. Howard	5115	E. S. Dodd	4134
"	C. B. Holloway	4905	Jas. M. Hueston	4286
Madison	John F. Locke	2543	Homer S. Quinn	2383
Mahoning	Thos. H. Wilson	4211		
Marion	L. D. Bates	2030	J. J. Hopkins	2302
Medina	Alvan D. Licey	3061	A. G. Barnard	2139
Meigs	J. L. Carpenter	4016	A. F. McCowan	2835
Mercer	W. F. McDaniel	1137	A. D. Marsh	2623
Miami	M. W. Hayes	4551	L. C. Cron	3406
"	Samuel Sullivan	4626	Jno. L. Norris	3449
Monroe			G. W. Steward	3032
Montgomery	George Stoffel	8546	Simon Brenner	9063
"	John Rison	8516	C. N. Vallandigham	9254
Morgan	John C. Morrey	2414	Eugene Swayne	2095
Morrow	James Carlisle	2266	Thos. C. Cunard	2003
Muskingum	Robert Price	5650	Herman Achauer	5213
Noble	Henry R. Smith	2323	John Keller	2012
Ottawa	Frank O. Wyman	1411	Lorenzo Ellis	2165
Perry	H. C. Greiner	2693	C Trovinger	2572
Pickaway	F. M. Black	2585	David Yates	3531
Pike	Louis Weise	1531	Alfred Moore	1999
Portage	Chas. R. Harmon	3603	C. Baldwin	3098
Preble	D. C. Stubbs	2955	Wm. Brown	2598
Putnam	Wm. C. Tingle	1684	D. I. Brown	2763
Richland	George M. Sowers	3912	R. B McCrory	4016
"	James Williams	3833	S. S. Bloom	4704
Ross	John C. Entrekin	4346	Wm. H Reed	4177
"	Theo. Spetnagle	4535	M. McCoy	4417
Sandusky	Elijah Kellogg	2565	A Dunham	3405
Scioto	Amos B. Cole	3321	R. H. Hayman	3071
Seneca	William Fleet	3845	Amos Decker	4645
Shelby	S. J. Hatfield	2052	H Hunge	2887
Stark	Thos. C. Snyder	6970	J. H Sauer	6816
"	Silas A Conrad	7088	Conrad H. Oberlin	6830
Summit	John Hill	5161	Alex. Cummins	3903
"	L. S. Ebright	5040	J. H. Bradley	3659
Trumbull	E A. Reed	6013	E. Morse	2950
Tuscarawas	Thomas Moore	4035	H. H. Porter	4353
"	M. D. Skeels	3624	G. W. Crites	4415
Union	Aaron B. Robinson	2987	David Watson	2031
Van Wert	James L. Price	2365	James W. Rimer	2160
Vinton	E. N. Barnhill	1690	Columbus P. Ward	1794
Warren	James Scott	4189	Daniel Collins	2445
Washington	Thomas W. Moore	4566	P. B Buell	4068
Wayne	Emmitt Eddy	4228	A. M. Armstrong	4709
"	James Curry	4287	F. M. Barton	4638
Williams	William Letcher	2714	Wm. M. Stubbs	2609
Wood	W. H. Wetmore	3851	Bassett L Peters	3087
Wyandot	Samuel S. Petitt	2276	W. D. Tyler	2819

Nationals.		Prohibitionists.	
Names.	Vote.	Names.	Vote.
J. H. Gordon	32	John L. Rush	93
Reuben P. Harmon	146		
		Geo. C. Berlin	10
D. A. Swiggart	133	A. C. Hanger	34
C. C. Hays	98	B. F. Rees	36
W. McAdams	61	Martin Wright	80
Edward Henry	105		
N. M. Howland	2752		
Harvey Kellogg	2660		
Samuel D. Converse	16	Thos. S. Pierce	23
Matthew Logan	4014		
		J. A. Mouser	32
		T. E. Peden	53
Geo. C. Clyde	103	James W. Hunter	35
Robert Correy	103	F. W. Wells	29
H. J. Baker	1659		
Samuel S. Holden	180	James St. J. Clarkson	115
Fred. D. Harkrider	184	Augustus H. F. Hain	99
		A. Alderman	133
Benj. Phillips	110	Geo. Harrison	176
Geo. James	28	John P. King	94
Sparrow Nickerson	27	R. B. Taylor	205
John C. Metzger	24		
John Murry	532		
Jno. M. Given	86	Henry H Brown	18
D. W. May	122	W. H. Delano	61
Chas. W. Bloom	177		
S P. Meng	376	Timothy Wilcox	57
James Rose	51		
John W. Kaga	131		
Joel Heacock	174		
Jonathan Read	178		
H. P. Smith	204	M. Jewett	150
J. R. Davis	206	D. F. Mattinger	89
A. Darrow	349	Robert Stranahan	123
Joseph Jenkins	252		
		Joseph Evans	186
Wm. Penrose	356	J. H. McElhinny	43
Oscar Lowry	93		
Richard M. Culver	218	W. T. Gillespie	58

ABSTRACT OF THE VOTES POLLED IN THE STATE OF OHIO AT THE ANNUAL

Counties.	Governor.				
	Charles Foster. (Republican.)	Thomas Ewing. (Democrat.)	Gideon T. Stewart. (Prohibition.)	A. Sanders Piatt. (National Greenback.)	John Hood. (Socialist.)
Adams	2391	2600	11	.....	.....
Allen	2592	3615	.....	38	.....
Ashland	2576	3188	14	.....	.....
Ashtabula	4248	2235	84	116	.....
Athens	3361	2289	112	73	.....
Auglaize	1473	2899	.....	165	.....
Belmont	5253	5356	20	67	.....
Brown	2967	4155	2	26	.....
Butler	3596	5674	27	.....	.....
Carroll	2175	1548	9	51	.....
Champaign	3802	2709	64	41	.....
Clarke	5200	3639	241	119	.....
Clermont	3677	4070	2	403	.....
Clinton	3589	2031	64	4	.....
Columbiana	5588	4240	14	201	.....
Coshocton	2738	3389	20	29	.....
Crawford	2213	4193	135	43	.....
Cuyahoga	17496	11940	162	432	.....
Darke	3659	4762	51	74	.....
Defiance	1694	2800	1	34	.....
Delaware	3246	3014	246	2	.....
Erie	3286	2973	23	95	.....
Fairfield	2943	4833	12	1	.....
Fayette	2682	2174	5	12	.....
Franklin	8433	9313	263	162	.....
Fulton	2498	1632	19	60	.....
Gallia	3328	2491	17	7	.....
Geauga	2844	775	8	70	.....
Greene	4582	2440	55	.....	.....
Guernsey	3179	2527	71	9	.....
Hamilton	29616	25971	28	102	547
Hancock	2911	3308	13	47	.....
Hardin	3312	3033	11	2	.....
Harrison	2639	2110	12	19	.....
Henry	1474	2506	.....	.....	.....
Highland	3549	3444	12	3	.....
Hocking	1667	2371	.....	99	.....
Holmes	1266	3167	22	.....	.....
Huron	4149	3203	179	75	.....
Jackson	2424	2022	20	16	.....
Jefferson	3988	2915	18	76	.....
Knox	3282	3436	119	51	.....
Lake	2661	1085	13	119	.....
Lawrence	3930	2794	11	154	.....
Licking	4043	5413	43	90	.....
Logan	3472	2228	78	53	.....
Lorain	5058	2656	46	97	.....
Lucas	5152	5245	.....	1550	.....

ELECTION HELD OCTOBER 14, 1879, TAKEN FROM THE OFFICIAL RETURNS.

Lieutenant-Governor.					Judge of the Supreme Court.			
Andrew Hickenlooper (R).	Americus V. Rice (D).	Joseph W. Sharp (P).	Hugo Preyer (N. G).	James Crosby (S).	William W. Johnson (R).	William J. Gilmore (D).	James H. Hardy (P).	Abner M. Jackson (N. G).
2383	2607	12	.....	.....	2390	2602	11	.....
2582	3596	.....	59	.....	2584	3597	.....	67
2572	3191	14	.....	.....	2568	3192	14	.....
6249	2209	90	133	.....	6258	2162	95	169
3310	2304	118	65	.....	3371	2268	125	81
1464	2903	.....	172	.....	1466	2897	.....	167
5218	5356	18	72	.....	5274	5329	19	80
2893	4169	2	25	.....	2906	4152	2	27
3582	5700	27	.....	.....	3552	5740	26	.....
2177	1546	9	53	.....	2184	1541	9	55
3785	2719	70	43	.....	3791	2728	68	43
5192	3645	241	119	.....	5197	3637	248	126
3640	4083	2	430	.....	3638	4060	2	446
3572	2054	65	5	.....	3589	2049	51	1
5587	4204	13	233	.....	5592	4129	12	308
2736	3389	20	30	.....	2745	3384	20	29
2215	4211	142	44	.....	2215	4203	141	49
17443	11955	165	476	.....	17540	11821	166	508
3639	4725	52	73	.....	3646	4780	52	73
1692	2804	1	36	.....	1690	2803	1	40
3229	3004	266	2	.....	3273	2988	263	1
3238	2991	22	100	.....	3249	2975	21	106
2932	4851	14	1	.....	2934	4851	15	1
2677	2177	4	12	.....	2692	2167	4	12
8380	9311	250	169	.....	8394	9280	286	179
2493	1690	20	79	.....	2515	1497	20	179
3285	2482	18	6	.....	3345	2472	10	5
2849	767	9	73	.....	2854	762	9	75
4572	2442	58	.....	.....	4586	2430	56	.....
3172	2533	73	9	.....	3183	2513	78	9
29595	25944	26	100	517	29624	26000	35	98
2891	3337	13	51	.....	2904	3325	12	55
3297	3048	13	2	.....	3305	3044	12	2
2646	2097	14	20	.....	2647	2090	14	22
1462	2522	.....	.....	.....	1465	2517	.....	.....
3540	3450	12	2	.....	3555	3443	12	1
1612	2411	.....	96	.....	1654	2387	.....	100
1260	3179	24	.....	.....	1260	3177	24	.....
4171	3184	179	91	.....	4148	3057	180	189
2121	2031	19	16	.....	2429	2022	19	16
3492	2930	22	60	.....	4014	2879	18	67
3261	3442	130	58	.....	3260	3440	130	66
2663	1080	13	121	.....	2666	1060	12	130
3920	2795	12	146	.....	3984	2688	8	180
4030	5124	42	93	.....	4026	5421	43	102
3451	2226	87	52	.....	3472	2216	88	51
5067	2660	26	105	.....	5077	2648	45	111
5094	5180	.....	1680	.....	5094	4264	.....	2604

ABSTRACT OF THE VOTES POLLED IN THE STATE OF OHIO, 1879—Continued.

Counties.	Governor.				
	Charles Foster. (Republican.)	Thomas Ewing. (Democrat.)	Gideon T. Stewart. (Prohibition.)	A. Sanders Piatt. (National Greenback.)	John Hood. (Socialist.)
Madison	2553	2391	42	27	.....
Mahoning	4179	3853	16	219	.....
Marion	2032	2777	39	41	.....
Medina	3107	3137	22	3	.....
Meigs	4067	2831	39	4	.....
Mercer	1118	2646	.....	31	.....
Miami	4639	3416	35	110	.....
Monroe	1243	3112	2	618	.....
Montgomery	8547	9257	164	98	.....
Morgan	2420	2100	118	8	.....
Morrow	2305	2005	182	112	.....
Muskingum	5641	5243	84	45	.....
Noble	2317	2008	40	198	.....
Ottawa	1311	2275	1	27	.....
Paulding	1249	1210	.....	22	.....
Perry	2503	2972	4	349	.....
Pickaway	2640	3553	8	11	.....
Pike	1570	2088	16	48	.....
Portage	3652	3104	56	114	.....
Preble	2952	2627	178	.....	.....
Putnam	1557	3045	20	67	.....
Richland	3863	4721	19	14	.....
Ross	4406	4511	.....	16	.....
Sandusky	2643	3427	53	287	.....
Scioto	3365	3029	5	58	.....
Seneca	3921	4627	18	108	.....
Shelby	2031	2945	.....	14	.....
Stark	7008	6899	41	158	.....
Summit	5146	3831	77	178	.....
Trumbull	5997	3054	120	278	.....
Tuscarawas	3759	4569	15	184	.....
Union	2947	2144	152	10	.....
Van Wert	2374	2479	14	8	.....
Vinton	1539	1891	2	21	.....
Warren	4225	2449	24	4	.....
Washington	4505	4138	49	361	.....
Wayne	4232	4710	34	12	.....
Williams	2761	2628	8	89	.....
Wood	3773	3187	55	217	.....
Wyandot	2282	2812	12	.....	.....
Totals	336,261	319,132	4145	9072	547

NOTE.—Scattering vote omitted.

Lieutenant-Governor.					Judge of the Supreme Court.			
Andrew Hickenlooper (R).	Americus V. Rice (D).	Joseph W. Sharp (P).	Hugo Preyer (N. G).	James Crosby (S).	William W. Johnson (R).	William J. Gilmore (D).	James H Hardy (P).	Abner M. Jackson (N. G).
2544	2400	4	21	.....	2549	2398	49	20
4189	3784	27	268	.....	4188	3710	27	353
2022	2780	47	38	.....	2029	2765	49	37
3105	2141	22	3	.....	3116	2136	21	2
4060	2831	48	4	.....	4062	2830	48	5
1106	2651	.....	31	.....	1106	2655	.....	31
4627	3418	36	112	.....	4635	3412	35	110
1226	3111	2	631	.....	1224	3113	2	635
8527	9262	169	108	.....	8541	9251	175	100
2412	2101	123	7	.....	2427	2096	121	7
2300	2007	185	113	.....	2310	2001	186	112
5600	5282	89	44	.....	5634	5247	87	56
2312	2011	40	199	.....	2317	2001	40	208
1307	2280	1	27	.....	1314	2263	1	34
1288	1208	.....	25	.....	1291	1195	.....	32
2467	2987	3	307	.....	2455	2970	3	391
2624	3581	9	12	.....	2634	3569	11	15
1564	2091	16	48	.....	1569	2088	16	48
3662	3086	58	122	.....	3662	3085	59	126
2928	2625	195	.....	.....	2944	2603	194	.....
1540	3014	22	73	.....	1553	3040	21	75
3842	4753	19	14	.....	3853	4734	19	12
4679	4546	.....	15	.....	4389	4542	.....	14
2597	3435	57	320	.....	2591	3420	55	346
3356	3041	5	57	.....	3385	3018	5	55
3850	4707	18	109	.....	3863	4692	17	120
2022	2964	1	12	.....	2021	2958	1	11
6986	6894	44	162	.....	6995	6817	44	187
5138	3807	85	197	.....	5160	3774	85	213
5992	3034	125	296	.....	6012	2968	128	347
3739	4576	15	182	.....	3752	4549	15	202
2943	2145	157	11	.....	2955	2139	152	11
2369	2485	15	8	.....	2378	2478	15	10
1532	1903	2	25	.....	1540	1896	2	25
4219	2451	22	3	.....	4235	2441	22	4
4495	4145	49	363	.....	4503	4131	49	377
4218	4720	34	16	.....	4228	4712	34	16
2754	2632	8	94	.....	2756	2625	7	96
3756	3194	61	213	.....	3764	3150	61	257
2253	2838	17	1	.....	2261	2860	18	1
335,140	319,542	4334	9566	517	336,009	316,994	4332	11,331

ABSTRACT OF THE VOTES POLLED IN THE STATE OF OHIO, 1879—Continued.

Counties.	Auditor of State.				
	John F. Oglevee (R).	Charles Reemelin (D).	Michael J. Fanning (P).	Andrew Roy (N. G).	Joseph Mayhew (S).
Adams	2388	2602	11	.....	.....
Allen	2584	3600	.....	66	.....
Ashland	2574	3191	14	.....	.....
Ashtabula	6260	2159	92	170	.....
Athens	3372	2260	124	84	.....
Auglaize	1452	2903	.....	169	.....
Belmont	5263	5266	19	164	.....
Brown	2905	4158	5	27	.....
Butler	3554	5713	26	.....	.....
Carroll	2182	1539	8	56	.....
Champaign	3738	2709	68	43	.....
Clarke	5180	3635	240	122	.....
Clermont	3637	4057	2	459	.....
Clinton	3593	2042	56	1	.....
Columbiana	5545	4126	11	316	.....
Coshocton	2743	3388	20	33	.....
Crawford	2213	4207	141	47	.....
Cuyahoga	17524	11850	168	499	.....
Darke	3647	4782	58	68	.....
Defiance	1689	2806	1	40	.....
Delaware	3255	2990	265	1	.....
Erie	3225	3094	20	106	.....
Fairfield	2934	4843	16	1	.....
Fayette	2692	2165	4	12	.....
Franklin	8322	9335	286	175	.....
Fulton	2513	1497	20	181	.....
Gallia	3341	2475	18	5	.....
Geauga	2853	762	9	75	.....
Greene	4584	2434	56	.....	.....
Guernsey	3173	2512	78	27	.....
Hamilton	29472	26066	25	97	523
Hancock	2907	3323	11	54	.....
Hardin	3301	3048	13	1	.....
Harrison	2623	2084	14	22	.....
Henry	1460	2522	.....	.....	.....
Highland	3553	3444	11	1	.....
Hocking	1655	2389	.....	105	.....
Holmes	1260	3175	24	.....	.....
Huron	4195	3055	173	193	.....
Jackson	2423	2024	18	19	.....
Jefferson	3990	2877	19	83	.....
Knox	3258	3439	130	68	.....
Lake	2665	1060	12	140	.....
Lawrence	3930	2749	10	180	.....
Licking	4025	5410	43	105	.....
Logan	3467	2217	88	50	.....
Lorain	5078	2649	45	112	.....

Attorney-General.				Treasurer of State.				
George K. Nash (R.).	Isaiah Pillars (D.).	Sidney B. Foster (P.).	James R. Grogan (N. G.).	Joseph Turney (R.).	Anthony Howells (D.).	Elias Blair (P.).	Charles Jenkins (N. G.).	Otto Bachman (S.).
2390	2601	11	.....	2388	2601	11	.....	.....
2577	3600	.....	68	2585	3603	.....	67	.....
2569	3189	14	.....	2573	3186	14	.....	.....
6260	2160	94	169	6260	2259	95	169	.....
3371	2261	145	84	3370	2258	124	84	.....
1466	2896	.....	167	1463	2901	.....	166	.....
5274	5324	19	82	5271	5328	19	82	.....
2908	4154	2	27	2903	4157	2	27	.....
3568	5702	26	.....	3566	5706	26	.....	.....
2184	1545	8	54	2184	1541	8	55	.....
3794	2715	67	43	3795	2713	68	43	.....
5205	3615	246	126	5198	3632	246	122	.....
3638	4059	2	104	3638	4058	2	104	.....
3544	2041	56	1	3591	2048	56	1	.....
5594	4129	11	307	5594	4128	11	309	.....
2748	3383	20	29	2744	3383	19	29	.....
2213	4206	142	46	2214	4204	142	46	.....
17473	11819	169	491	17966	11329	164	466	.....
3645	4780	58	67	3647	4777	52	74	.....
1689	2804	1	40	1690	2803	1	37	.....
3259	2991	262	1	3277	2970	265	1	.....
3253	2977	20	105	3112	2983	20	106	.....
2934	4850	15	1	2930	4852	8	1	.....
2689	2167	4	12	2690	2169	4	12	.....
8551	9140	280	166	8347	9315	289	171	.....
2514	1496	20	181	2508	1499	20	181	.....
3343	2473	18	5	3338	2477	18	5	.....
2853	762	9	75	2858	761	9	74	.....
4585	2434	55	.....	4584	2432	56	.....	.....
3182	2521	78	10	3181	2522	77	9	.....
29636	25933	34	97	29582	25999	26	98	530
2909	3316	12	53	2904	3326	12	53	.....
3302	3048	13	1	3303	3041	13	1	.....
2653	2095	14	22	2650	2096	14	22	.....
1468	2518	.....	.....	1469	2514	.....	.....	.....
3561	8439	12	1	3557	3449	12	1	.....
1638	2341	.....	125	1653	2389	.....	100	.....
1259	3178	24	.....	1260	3177	24	.....	.....
4198	3053	180	191	4190	3060	179	191	.....
2427	2025	19	16	2415	2035	19	16	.....
4018	2871	18	68	4017	2870	18	68	.....
3261	3440	131	65	3258	3439	132	1	.....
2666	1059	12	139	2665	1060	12	140	.....
3930	2746	11	183	3920	2777	11	177	.....
4031	5407	43	103	4017	5415	43	102	.....
3471	2212	95	51	3177	2214	86	51	.....
5077	2651	47	108	5078	2647	46	111	.....

ABSTRACT OF THE VOTES POLLED IN THE STATE OF OHIO, 1879—Continued.

Counties.	Auditor of State.				
	John F. Ogleveo (R)	Charles Reemelin (D).	Michael J. Fanning (P).	Andrew Roy (N. G).	Joseph Mayhew (S).
Lucas	5026	4301	.....	2653	.....
Madison	2550	2397	48	20	.....
Mahoning	4157	3730	27	360	.....
Marion	2028	2777	49	38	.....
Medina	3119	2137	20	2	.....
Meigs	4050	2838	48	6	.....
Mercer	1104	2657	.....	31	.....
Miami	4633	3413	35	110	.....
Monroe	1721	3110	2	637	.....
Montgomery	8530	9263	171	104	.....
Morgan	2427	2096	122	7	.....
Morrow	2308	2000	187	113	.....
Muskingum	5609	5259	85	64	.....
Noble	2316	2001	40	208	.....
Ottawa	1302	2271	1	34	.....
Paulding	1293	1194	.....	32	.....
Perry	2451	2969	3	406	.....
Pickaway	2631	3569	9	15	.....
Pike	1566	2091	16	48	.....
Portage	3661	3054	59	126	.....
Preble	2949	2611	196	.....	.....
Putnam	1552	3043	21	75	.....
Richland	3849	4735	19	13	.....
Ross	4364	4548	.....	14	.....
Sandusky	2583	3434	55	345	.....
Scioto	3355	3048	5	55	.....
Seneca	3760	4992	17	117	.....
Shelby	2019	2957	1	11	.....
Stark	6978	6886	41	201	.....
Summit	5157	3775	84	216	.....
Trumbull	5963	2962	127	381	.....
Tuscarawas	3738	4557	15	203	.....
Union	2956	2134	151	11	.....
Van Wert	2378	2478	13	10	.....
Vinton	1538	1899	2	25	.....
Warren	4237	2441	22	4	.....
Washington	4496	4138	48	377	.....
Wayne	4223	4718	35	15	.....
Williams	2760	2627	8	97	.....
Wood	3763	3156	62	259	.....
Wyandot	2461	2830	18	1	.....
Totals	335,184	317,442	4337	11,621	523

For Judicial Constitutional Amendment.	Against Judicial Constitutional Amendment.	For Amendment to Sec 2, Art. 2, of Constitution.	Against Amendment to Sec 2, Art. 2, of Constitution.	For Amendment to Sec. 1, Art 3, of Constitution.	Against Amendment to Sec. 1, Art. 3, of Constitution.	For Amendment to Sec. 4, Art. 10, of Constitution.	Against Amendment to Sec. 4, Art. 10, of Constitution.	Total number of votes.
1341	2022	1351	1947	1364	1943	1513	1827	5016
1823	1674	1829	1568	1788	1533	2465	1231	6262
1048	1659	1181	1552	1159	1553	2110	1027	5821
2426	911	2326	979	2299	979	2595	926	8721
450	2886	514	3045	823	2821	2044	1144	5858
1165	1319	1180	1313	1179	1305	1562	929	4558
877	5190	1177	4531	1214	4679	1715	3967	10714
1159	1936	1001	1990	1002	1991	1273	1858	7101
975	2678	1694	2114	1478	2153	1819	1935	9337
1617	636	1205	757	1297	693	1552	565	3790
1037	1715	1326	1392	1278	1253	1348	1060	6641
2185	1795	2215	1791	2203	1757	2736	1524	9199
945	2707	1355	2206	1062	2306	2136	1631	8175
929	2974	1149	2794	1138	2754	1543	1557	5716
3014	1237	2967	1204	3602	1097	3097	1132	10060
1569	2091	1540	2114	1393	2090	1707	1864	6176
1207	1046	1205	839	1225	820	1260	762	6628
5473	1885	6169	1683	5816	1726	6158	1648	30089
1868	2079	1971	1800	2077	1881	2758	1421	8577
669	1340	823	1290	787	1302	1679	733	4540
1431	1657	1194	1722	1245	1730	1983	1334	6526
2048	921	2105	896	2118	882	2552	623	6370
1010	2306	1084	2229	1158	2178	1662	1907	7823
467	1583	624	1600	563	1636	749	1519	4888
2641	4799	2710	4763	2631	4750	2802	4636	18256
324	1413	561	1216	553	1219	1263	831	4224
927	2146	1146	2065	1202	2000	1575	1838	5855
341	1062	512	1031	490	1095	1056	733	3712
1057	2167	1356	1823	1364	1796	1461	1727	7097
790	1538	745	1551	767	1399	1255	1192	5799
8951	13950	9182	13690	9268	13713	10076	12961	56485
1537	1677	1602	1620	1411	1706	2147	1104	6296
1816	2116	1976	1881	1965	1892	2357	1506	6369
533	1651	673	1689	628	1525	1133	1212	4790
2116	639	2092	716	2091	710	2379	557	4012
999	1735	935	1792	931	1785	1436	1520	7042
990	3015	1115	2918	1103	2906	1199	2815	4140
825	2217	973	3120	844	2115	1454	1763	4476
6635	364	6571	386	6581	353	5768	222	7649
532	1504	329	1539	344	1520	1145	1013	4457
1477	2602	1738	2291	1731	2224	2201	1884	6999
912	1845	973	1782	821	1831	1139	1646	6916
2919	487	2931	500	2929	500	3415	110	3891
1312	2074	1202	2213	1225	2255	1795	1679	6882
572	2362	442	3006	425	2996	443	2832	9594
1771	1380	2061	1178	906	478	994	405	5842
1						16		7885
2814	1408	2971	1351	2881	1337	3151	1303	12043

ABSTRACT OF VOTES POLLED IN THE STATE OF OHIO, 1879—Continued.

Counties.	Member of the Board of Public Works.				
	James Fullington (R).	Patrick O'Marah (D)	James H. Horton (P)	George W. Platt (N. G)	Herman Miller (S).
Adams	2389	2599	11	.....	.....
Allen	2591	3588	.....	42	.....
Ashland	2566	3190	14	.....	.....
Ashtabula	6260	2212	93	169	.....
Athens	3371	2257	130	79	.....
Auglaize	1466	2888	.....	173	.....
Belmont	5276	5320	19	76	.....
Brown	2909	4150	2	27	.....
Butler	3592	5663	26	.....	.....
Carroll	2185	1540	8	55	.....
Champaign	3781	2702	69	43	.....
Clarke	5204	3616	247	122	.....
Clermont	3638	4049	2	458	.....
Clinton	3594	2042	60	5	.....
Columbiana	5598	4125	12	305	.....
Coshocton	2743	3386	20	29	.....
Crawford	2220	4200	146	46	.....
Cuyahoga	17581	11717	169	485	.....
Darke	3647	4768	53	75	.....
Defiance	1690	2802	1	38	.....
Delaware	3267	2962	265	1	.....
Erie	3255	2966	21	106	.....
Fairfield	2935	4840	46	1	.....
Fayette	2693	2161	4	12	.....
Franklin	8532	9093	284	171	.....
Fulton	2514	1496	20	181	.....
Gallia	3342	2472	18	5	.....
Geauga	2854	762	9	74	.....
Greene	4583	2428	56	.....	.....
Guernsey	3182	2517	78	9	.....
Hamilton	29759	25119	26	154	399
Hancock	2908	3322	12	54	.....
Hardin	3308	3038	13	1	.....
Harrison	2649	2096	13	23	.....
Henry	1470	2513	.....	.....	.....
Highland	3562	3439	12	1	.....
Hocking	1658	2383	.....	98	.....
Holmes	1200	3169	23	.....	.....
Huron	4195	3054	181	191	.....
Jackson	2429	2022	19	16	.....
Jefferson	4018	2866	18	67	.....
Knox	3259	3432	130	67	.....
Lake	2665	1060	12	140	.....
Lawrence	3925	2755	11	178	.....
Licking	4039	5385	43	104	.....
Logan	3473	2217	86	51	.....
Lorain	5080	2646	46	112	.....
Lucas	5111	4230	.....	2644	.....

For Judicial Constitutional Amendment.	Against Judicial Constitutional Amendment.	For Amendment to Sec 2, Art. 2, of Constitution.	Against Amendment to Sec 2, Art. 2, of Constitution.	For Amendment to Sec. 1, Art 3, of Constitution.	Against Amendment to Sec. 1, Art. 3, of Constitution.	For Amendment to Sec. 4, Art. 10, of Constitution.	Against Amendment to Sec. 4, Art. 10, of Constitution.	Total number of votes.
1341	2022	1351	1947	1364	1943	1513	1827	5016
1823	1674	1829	1568	1788	1533	2465	1231	6262
1094	1659	1181	1552	1159	1553	2110	1027	5921
2126	911	2326	979	2299	979	2535	926	8721
450	2446	514	3045	823	2421	2044	1144	5859
1165	1319	1190	1313	1179	1305	1592	920	4568
877	5190	1177	4531	1214	4679	1715	3967	10714
1159	1936	1001	1990	1002	1991	1273	1858	7101
975	2678	1694	2114	1474	2153	1819	1935	9337
1617	636	1205	757	1297	693	1552	565	3790
1037	1715	1326	1392	1278	1253	1348	1060	6641
2155	1799	2215	1791	2203	1757	2796	1524	9199
945	2707	1355	2286	1462	2306	2136	1631	8175
929	2974	1149	2794	1135	2754	1543	1557	5716
3014	1217	2967	1204	3602	1097	3097	1132	10060
1569	2091	1540	2114	1393	2090	1707	1464	6176
1207	1046	1205	839	1225	820	1250	762	6429
5673	1495	6169	1053	5516	1786	6155	1648	20969
1569	2079	1971	1900	1077	1951	2756	1421	8577
6-9	1340	823	1290	747	1302	1679	733	4540
1431	1657	1194	1721	1245	1730	1953	1314	6326
2044	931	2.05	896	2115	892	2552	923	6370
1010	2306	1044	2229	1156	2174	1692	1207	7923
467	1563	624	1610	563	1636	749	1549	4999
2641	6799	2710	4763	2631	4750	2901	4035	15256
334	1414	561	1216	553	1219	1263	731	4224
927	2146	1145	2055	1202	2090	1575	1234	5555
34	1661	512	1051	440	1095	1056	735	3712
1047	2167	1456	1423	1364	1796	1461	1727	7097
730	1539	745	1551	707	1559	1255	1191	7709
2851	13270	9152	13590	9856	13713	10776	12051	56405
1537	1677	1692	1650	1411	1706	2147	1104	6286
1216	2116	1976	1991	1935	1991	2357	1505	6399
533	1651	673	1649	626	1525	1133	1212	4720
2116	630	2022	716	2091	719	2279	567	9512
929	1735	935	1792	931	1755	1454	1586	7042
2049	3915	1115	3914	1103	3966	1159	3915	4169
2[illegible]	2217	973	3150	944	2115	1254	1743	4474
9455	304	6571	305	6591	353	5762	222	7949
532	1544	329	1539	344	1526	1145	1613	4427
1457	2892	1736	2291	1731	2224	2391	1274	8709
342	1965	973	1762	921	1931	1139	1496	6916
2940	645	2931	549	2929	569	3415	1164	9251
1722	3674	1592	2213	1226	2256	1726	2477	6973
372	2462	441	3005	435	2492	443	2242	6504
1771	1358	2365	1179	1692	679	691	915	5042
						16		7955
2854	1482	2971	1351	2921	1227	3151	1367	12463

ABSTRACT OF VOTES POLLED IN THE STATE OF OHIO, 1879—Continued.

Counties.	Member of the Board of Public Works.				
	James Fallington (R).	Patrick O'Marah (D).	James H. Horton (P).	George W. Platt (N. G).	Herman Miller (S).
Madison	2550	2379	49	20	.....
Mahoning	4186	3711	27	361	.....
Marion	2034	2767	49	36	.....
Medina	3119	2135	21	2	.....
Meigs	4062	2830	48	5	.....
Mercer	1105	2656	.....	31	.....
Miami	4643	3404	36	111	.....
Monroe	1223	3110	2	636	.....
Montgomery	8570	9223	173	101	.....
Morgan	2428	2096	122	7	.....
Morrow	2328	1998	188	113	.....
Muskingum	5641	5230	91	59	.....
Noble	2317	1999	40	209	.....
Ottawa	1315	2259	1	34	.....
Paulding	1294	1193	.....	32	.....
Perry	2482	2065	3	385	.....
Pickaway	2638	3564	9	15	.....
Pike	1560	2089	16	48	.....
Portage	3606	3078	59	64	.....
Preble	2952	2595	197	.....	.....
Putnam	1552	3041	21	75	.....
Richland	3858	4726	20	12	.....
Ross	4405	4503	.....	13	.....
Sandusky	2581	3413	56	340	.....
Scioto	3373	3022	5	55	.....
Seneca	3852	4670	17	121	.....
Shelby	2024	2950	1	12	.....
Stark	7008	6897	45	180	.....
Summit	5165	3768	84	210	.....
Trumbull	6015	2981	127	347	.....
Tuscarawas	3748	4540	17	204	.....
Union	2982	2078	147	11	.....
Van Wert	2378	2475	15	10	.....
Vinton	1540	1896	2	25	.....
Warren	4240	2460	22	4	.....
Washington	4504	4125	48	375	.....
Wayne	4235	4704	35	16	.....
Williams	2756	2625	7	97	.....
Wood	3764	3151	64	258	.....
Wyandot	2262	2825	18	1	.....
Totals	336,591	315,958	4380	11,329	399

For Judicial Constitutional Amendment.	Against Judicial Constitutional Amendment.	For Amendment to Sec. 2, Art 2, of Constitution.	Against Amendment to Sec. 2, Art. 2, of Constitution.	For Amendment to Sec. 1, Art. 3, of Constitution.	Against Amendment to Sec. 1, Art. 3, of Constitution.	For Amendment to Sec. 4, Art. 10, of Constitution.	Against Amendment to Sec. 4, Art. 10, of Constitution.	Total number of votes.
660	780	667	776	659	759	898	643	5033
3554	763	3600	753	3589	745	3643	729	8316
3478	795	3016	1278	3011	1262	3499	599	4903
773	554	780	563	752	557	842	551	5285
1689	2321	1685	2158	1567	2308	2172	1853	6954
756	1235	878	1130	784	1187	825	1128	3805
1067	2806	1115	2854	1140	2817	2032	2208	8250
476	2184	508	2122	467	2105	763	2065	4989
4457	2200	4709	1802	4576	1697	4548	1930	18103
652	2343	633	2233	611	2262	1063	2034	4660
1219	1083	1016	1206	998	1180	1454	894	4612
934	4682	809	4704	807	4689	2470	4094	10981
550	1705	620	1451	586	1700	820	1495	4563
2092	171	2080	194	2074	199	2109	184	3616
762	313	738	480	739	428	1304	225	2521
396	1606	450	1583	435	1584	1051	1302	5839
1241	2168	1365	2034	1330	2044	1530	1923	6234
102	180	286	397	272	373	176	156	3721
3449	997	3337	967	1518	873	2996	882	6937
1003	1755	1251	1578	1234	1561	2045	892	5782
1894	765	2167	549	2073	555	2317	408	4689
2131	2149	1905	2336	1975	2295	2454	2279	8617
2288	2443	2582	2439	2549	2523	2998	2182	8943
1537	792	1836	848	1900	817	2005	803	6411
4446	962	4557	868	4555	851	4731	618	6563
6927	733	6939	672	6962	654	7069	568	8700
1200	1313	1362	1281	1356	1167	1482	1152	4991
7187	1741	7309	1815	7177	1792	7177	1818	14122
3864	832	4151	666	3912	474	3501	662	9237
1762	596	1779	655	1752	660	2207	639	9471
2411	2366	2679	3053	2637	2163	3150	1676	8513
1134	860	1146	832	1146	830	1265	745	5269
475	1849	697	1757	688	2049	1710	792	4893
2121	899	2097	931	2099	922	2205	810	3459
816	2808	950	2664	922	2664	2048	1837	6709
980	4306	1090	4124	1004	4122	1690	3504	9053
2142	3120	2439	2008	2452	1972	3233	1392	9003
1114	473	1178	466	1139	528	1380	497	5486
4937	1474	4952	1356	4946	1432	5300	1205	7252
908	1576	937	1530	1207	1290	1583	1018	5099
159,630	163,639	166,285	158,642	162,728	155,257	197,223	130,455	670,711

STATE ELECTIONS—1877, 1878, 1879.

ADAMS COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bratton	72	102	174	106	124	....	....	234	100	109	....	....	....	210
Franklin	94	187	282	92	199	....	....	292	105	214	....	....	....	321
Green	135	175	311	161	225	5	....	395	182	220	....	....	....	402
Jefferson	197	246	441	319	273	....	....	599	315	314	....	....	....	632
Liberty	170	112	282	189	111	1	....	302	193	125	....	....	....	318
Manchester	142	117	272	174	132	....	....	315	182	138	5	....	....	326
Meigs	110	174	284	159	263	....	....	422	149	250	....	....	....	399
Monroe	82	147	211	104	176	....	....	283	115	154	1	....	....	270
Oliver	76	125	201	92	131	....	....	223	94	125	....	....	....	220
Scott	135	62	198	156	104	....	....	260	159	90	....	....	....	250
Sprigg	197	290	489	244	320	....	....	568	240	344	1	....	....	587
Tiffin	124	272	399	170	269	1	....	442	162	293	....	....	....	458
Wayne	163	76	245	194	83	....	5	281	204	77	....	....	....	281
Winchester	165	136	312	189	148	....	4	341	191	147	4	....	....	343
Totals	1862	2221	4121	2349	2549	7	9	4957	2491	2600	11	....	....	5016

ALLEN COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Amanda	68	123	194	59	113	3	....	175	83	164	....	....	....	238
Auglaize	201	137	351	197	146	6	....	349	234	141	....	....	....	377
Bath	93	142	237	89	146	3	....	239	125	160	....	....	....	285
German	58	205	275	79	195	2	....	277	96	215	....	....	....	314
Jackson	112	242	354	127	218	3	....	351	156	264	....	....	....	421
Lima—														
First Ward	233	219	498	204	181	93	....	478	289	228	....	7	....	522
Second "	241	176	421	211	163	32	....	411	285	205	....	6	....	496
Third "	47	238	297	58	216	15	....	290	66	324	....	3	....	393
Marion	201	438	700	224	434	43	..	704	66	49	....	6	....	123
Monroe	188	182	375	167	173	....	....	340	301	544	....	6	....	854
Ottawa	12	7	19	11	7	1	....	19	206	221	....	....	....	439
Perry	113	161	279	96	164	5	....	264	12	7	....	1	....	20
Richland—									141	191	....	2	....	333
Bluffton Precinct	79	249	328	63	223	....	....	286	120	269	....	....	....	393
Beaver Dam Precinct	83	116	199	78	95	....	....	173	98	129	....	....	....	227
Shawnee	76	135	213	69	126	1	4	199	97	165	....	....	....	264
Spencer	46	176	239	32	155	22	....	210	80	226	....	7	....	316
Sugar Creek	113	102	216	107	102	....	....	210	125	110	....	....	....	237
Totals	1956	3048	5195	1871	2857	230	4	4975	2592	3615	....	38	....	6259

ASHLAND COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David K. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Clear Creek	172	75	257	189	89	....	....	277	209	93	....	....	....	303
Green	154	276	432											
First Ward	.....	.....	.....	159	256	....	1	418	176	295	4	....	....	573
Second "	.....	.....	.....	34	32	1	....	67	24	53	....	....	....	87
Hanover	150	339	501											
First Ward	.....	.....	.....	114	151	....	....	272	110	176	....	....	....	288
Second "	.....	.....	.....	49	131	1	....	181	70	203	....	....	....	272
Jackson	100	202	304	102	188	....	....	293	132	199	....	....	....	331
Lake	29	144	173	30	140	....	....	171	38	153	....	....	....	191
Montgomery	484	493	980	548	524	....	....	1072	590	542	....	....	....	1132
Milton	68	179	247	82	188	....	....	271	84	183	....	....	....	267
Mifflin	50	127	177	49	129	....	....	178	56	143	....	....	....	199
Mohican	107	225	333	122	224	....	....	347	120	267	....	....	....	389
Orange	120	194	316	144	197	....	....	341	145	211	....	....	....	316
Perry	137	161	300	140	169	....	7	316	172	187	7	....	....	364
Ruggles	124	46	170	126	41	....	....	169	140	50	....	....	....	191
Sullivan	142	46	190	144	53	....	....	200	160	59	....	....	....	220
Troy	115	51	167	115	69	....	....	185	128	72	....	....	....	200
Vermillion	169	266	436	188	260	....	....	447	212	300	3	....	....	518
Totals	2121	2824	4977	2335	2838	2	8	5205	2576	3188	14	....	....	5821

ASHTABULA COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David K. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewark.	A. Sanders Platt.	Scattering.	Total vote.
Andover	212	47	264	213	24	6	7	250	254	42	1	..	....	299
Ashtabula	359	336	743	383	261	95	7	806	582	537	..	5	....	1129
Austinburg	213	54	268	203	37	14	2	257	236	52	4	8	....	302
Cherry Valley	115	40	160	122	33	2	2	159	145	33	2	....	....	182
Colebrook	141	54	197	121	28	13	6	168	160	53	5	....	....	218
Conneaut	422	134	573	412	120	15	5	556	516	153	1	7	....	673
Denmark	58	42	102	51	31	4	3	89	85	52	3	....	....	140
Dorset	70	44	117	65	35	2	16	119	76	47	21	....	....	144
Geneva	489	121	630	480	97	9	44	632	565	128	6	1	....	710
Harpersfield	184	34	218	184	26	10	4	224	208	45	..	4	....	257
Hartsgrove	106	53	169	103	46	17	1	167	117	66	6	1	....	190
Jefferson	327	99	433	338	101	..	10	451	375	100	4	1	....	480
Kingsville	238	100	343	238	79	1	1	320	280	87	2	..	....	378
Lenox	150	34	185	143	29	..	5	177	163	39	2	..	....	204
Monroe	204	49	257	206	33	2	6	248	275	72	..	1	....	349
Morgan	213	76	290	210	48	27	12	297	236	63	5	11	....	320
New Lyme	115	59	180	127	63	2	6	199	133	59	5	2	....	198
Orwell	136	75	212	124	68	1	5	198	171	80	..	..	....	251
Pierpont	213	27	229	155	14	33	1	203	221	22	..	16	....	260
Plymouth	96	58	154	98	39	11	..	149	118	70	..	2	....	191
Richmond	137	56	194	117	49	4	20	192	151	60	7	..	....	223
Rome	128	36	211	119	27	..	4	150	131	33	7	..	....	174
Saybrook	107	112	288	156	93	25	3	277	196	126	..	5	....	325
Sheffield	101	33	135	86	22	7	..	115	125	34	..	1	....	160
Trumbull	146	49	198	127	27	58	3	216	177	42	1	34	....	255
Wayne	156	22	180	146	14	..	1	163	186	26	1	1	..	214
Williamsfield	116	50	184	103	33	1	17	154	162	61	1	16	....	240
Windsor	156	38	194	154	41	..	6	201	201	48	..	..	....	255
Totals	5151	1930	7308	4984	1518	359	197	7139	6248	2235	84	116	....	8721

ATHENS COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Athens	492	262	800	525	201	13	81	820	581	272	36	2	....	896
Ames	187	58	246	186	74	2	2	265	213	83	1	2	....	300
Alexander	158	98	272	148	87	....	32	269	179	121	11	....	....	312
Bern	138	37	175	158	33	....	2	193	187	38	....	....	....	236
Canaan	88	188	277	85	170	1	5	261	118	196	8	....	....	323
Carthage	103	85	189	102	84	10	16	214	146	101	3	....	....	250
Dover	167	129	299	182	100	20	19	322	231	132	....	3	....	367
Lee	154	58	238	126	59	8	55	247	185	70	9	2	....	267
Lodi	107	154	282	94	130	....	29	260	178	152	9	....	....	339
Rome	184	110	311	224	98	18	29	369	282	116	13	....	....	415
Trimble	111	96	211	138	74	12	....	224	165	99	....	4	....	271
Troy	177	114	317	187	131	29	24	371	224	157	12	14	....	409
Waterloo	165	178	344	167	132	49	7	356	208	184	5	4	....	401
York	337	484	837	365	358	285	26	1037	464	568	5	42	....	1082
Totals	2568	2051	4798	2687	1731	447	327	5208	3361	2289	112	73	....	5858

AUGLAIZE COUNTY,

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Clay	73	75	144	71	92	..	....	163	108	114	....	3	...	227
Criderville	....	....	....	....	....	....	....	....	64	132	....	....	...	197
Duchouquet	123	172	294	128	64	2	....	295	88	91	....	..	...	180
Wpakoneta—														
1st Ward	31	72	103	34	66	1	....	101	41	83	....	....	....	123
2d "	72	110	190	66	112	2	....	1e2	90	132	....	....	....	220
3d "	38	113	152	32	126	....	....	158	51	137	....	....	...	188
German	64	130	201	52	162	111	....	327	96	205	....	81	....	383
Goshen	61	67	128	60	72	..	....	134	79	83	....	....	....	163
Jackson	3	287	294	4	270	38	....	332	13	278	....	49	....	346
Logan	38	96	134	19	69	....	....	110	51	110	....	5	....	173
Moulton	76	145	220	47	103	1	....	155	80	166	....	....	....	248
Noble	40	107	147	42	131	..	....	174	56	162	....	....	....	219
Pucheta	44	169	215	39	160	..	....	199	60	200	....	....	....	260
Salem	35	118	154	35	137	3	....	177	48	168	....	....	....	216
St. Mary's	105	374	455	109	416	27	....	556	156	448	....	6	....	611
Union	76	156	236	84	174	....	....	276	109	185	..	21	....	317
Washington	198	49	174	89	48	..	....	138	144	79	..	....	....	226
Wayne	114	99	213	117	94	..	..	214	139	126	....	....	...	261
Totals	1121	2339	3459	1028	2416	185	...	3e91	1473	2899	....	165	....	4558

BELMONT COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Bellaire City—														
First Ward	83	68	187	79	47	67	....	195	112	73	....	11	....	196
Second "	77	213	299	82	169	48	....	298	121	230	1	10	....	363
Third "	137	154	309	131	127	47	....	304	162	178	....	6	....	349
Fourth "	143	130	308	144	103	64	....	312	210	151	....	8	....	370
Fifth "	72	48	208	79	34	82	....	195	164	72	....	16	....	254
Colerain	171	131	307	168	124	....	1	292	190	171	1	....	....	361
Flushing—														
Flushing Precinct	155	87	242	157	103	3	....	264	184	130	....	....	....	314
Belmont Ridge Prec't	60	42	105	58	41	2	....	103	80	49	....	....	....	129
Goshen	198	210	431	156	182	78	....	416	240	242	5	6	....	493
Kirkwood—														
Hendrysburgh Prec't	134	138	296	125	96	65	....	287	155	170	....	1	....	325
Sewellsville Prec't	72	19	110	49	20	39	....	109	91	32	....	....	....	123
Mead	106	197	303	85	194	11	....	290	140	272	....	1	....	414
Pease—														
Bridgeport Precinct	341	213	564	322	182	8	....	513	424	263	....	....	....	688
Martin's Ferry Prec't	378	367	819	397	352	65	1	814	590	424	1	4	....	1018
Pultney	138	230	389	123	190	26	....	339	220	258	....	2	....	487
Richland—														
St. Clairsville Prec't	330	469	812	342	450	8	3	805	367	507	3	....	....	876
Glencoe Prec't	39	163	209	41	147	9	....	197	62	174	....	....	....	236
Smith	95	209	317	97	223	3	2	324	130	260	1	....	....	392
Somerset	172	207	392	163	204	3	....	371	229	263	2	....	....	495
Union	188	235	429	171	214	21	....	406	199	234	....	1	....	435
Warren	502	411	959	553	361	29	1	953	621	427	6	1	....	1058
Washington	138	134	272	138	127	7	....	273	177	144	....	....	....	321
Wayne	120	191	313	108	167	1	....	277	152	221	....	....	....	373
Wheeling	112	176	290	107	181	....	....	289	124	195	....	....	....	319
York	94	190	284	78	180	3	....	261	109	216	....	....	....	325
Totals	4055	4632	9154	3953	4218	689	8	8887	5253	5356	20	67	....	10714

BROWN COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Byrd	150	100	250	163	101	....	....	264	179	125	....	..	....	305
Clark	67	180	257	67	249	1	....	317	94	258	....	3	....	355
Eagle	73	122	194	109	150	....	....	262	124	154	....	..	....	279
Franklin	31	166	197	24	226	2	..	252	33	226	....	1	....	261
Green	113	198	314	106	217	11	....	335	153	216	....	1	....	370
Huntington	182	297	479	200	360	3	....	569	266	381	....	1	....	649
Jackson	50	131	184	70	152	3	....	224	73	147	....	....	....	220
Jefferson	142	124	266	141	148	1	....	291	175	143	....	....	....	318
Lewis—														
Higginsport Prec't	142	197	345	129	196	15	..	340	163	262	....	3	....	430
Freesburg Prec't	66	144	211	54	169	11	....	234	86	182	....	....	....	268
Perry	51	447	500	47	516	1	....	564	80	537	....	....	....	617
Pike	71	151	227	61	145	26	....	233	101	188	....	....	....	289
Pleasant	200	324	539	195	331	56	....	583	278	395	1	11	....	686
Scott	58	141	199	59	148	1	....	208	69	161	....	....	....	230
Sterling	106	147	254	91	158	32	....	283	147	198	....	1	....	349
Union	624	372	1010	604	427	20	....	1053	776	441	1	5	....	1223
Washington	85	109	196	108	142	4	....	254	110	141	....	..	....	252
Totals	2211	3359	5622	2228	3835	187	....	6226	2907	4155	2	26	....	7101

BUTLER COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Fairfield—														
Eastern Precinct	36	162	201	50	165	....	....	217	67	176	....	....	....	243
Western "	85	176	271	83	158	....	....	242	109	229	....	....	....	339
Hanover	73	162	240	69	181	....	....	252	96	186	....	....	....	282
Lemon—														
Northern Precinct	403	552	977	427	571	1	....	1007	566	656	....	....	....	1225
Southern "	68	130	203	79	122	....	....	202	93	134	....	....	....	227
Liberty	128	165	294	135	156	....	....	291	173	198	....	....	....	373
Madison—														
Northern Precinct	107	204	313	91	194	....	....	287	122	218	....	....	....	343
Southern "	68	140	209	78	142	....	....	224	74	144	....	....	....	220
Milford	115	269	483	103	293	....	5	403	136	290	7	....	....	433
Morgan	89	275	372	90	281	....	3	375	112	298	3	....	....	413
Oxford	304	284	598	378	355	....	....	737	452	359	....	....	....	812
Reiley	69	259	334	61	239	....	....	308	83	265	....	....	....	349
Ross	108	230	342	106	214	....	....	323	140	247	6	....	....	393
St. Clair	59	171	234	51	164	....	3	218	82	204	2	....	..	288
Union	132	261	404	121	247	....	....	370	202	302	....	....	....	505
Wayne	107	212	327	114	203	....	6	331	159	236	7	....	....	406
Hamilton—														
1st Ward	206	306	544	163	318	5	....	495	219	366	....	....	....	587
2d "	89	405	530	135	365	5	....	514	173	407	....	....	..	587
3d "	237	335	710	278	367	27	....	679	364	411	....	....	....	781
4th "	98	289	479	125	292	14	....	432	174	348	2	....	....	531
Totals	2581	4987	8065	2737	5027	52	17	7907	3596	5674	27	....	..	9337

CARROLL COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Augusta	149	80	230	143	72	4	....	219	183	85	....	....	....	270
Brown—														
Minerva Precinct	105	55	160	99	48	....	....	147	112	58	....	....	....	170
Malvern "	171	122	304	173	111	....	2	286	195	139	5	....	....	339
Centre	206	140	348	193	119	44	....	357	226	140	1	6	....	376
East	76	87	163	79	92	3	....	174	96	106	....	3	....	205
Fox	151	71	223	167	68	1	....	235	205	80	....	....	....	286
Harrison	147	82	231	156	80	1	....	237	158	97	....	....	....	255
Lee	113	104	223	111	104	7	3	225	110	108	3	....	....	221
London	101	111	213	109	111	....	....	220	116	118	....	....	....	234
Monroe	99	126	234	106	91	29	....	226	117	101	....	34	....	253
Orange	191	84	274	200	85	2	....	287	205	107	....	5	....	317
Perry	74	118	193	81	131	1	....	214	100	134	....	1	....	236
Rose	104	156	260	92	137	..	....	229	121	147	....	1	....	267
Union	76	89	165	70	76	3	....	150	86	91	....	1	....	178
Washington	125	40	165	125	31	3	....	159	145	37	....	....	....	183
Totals	1888	1465	3386	1904	1354	98	5	3359	2175	1548	9	51	...	3790

CHAMPAIGN COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Adams	101	160	270	97	138	1	1	237	136	164	1	....	....	303
Concord	108	146	256	95	140	1	11	248	118	170	3	....	....	292
Goshen	441	155	623	415	159	....	59	634	497	137	37	....	....	672
Harrison	109	105	217	93	101	....	....	193	120	121	....	....	....	241
Jackson	203	215	420	213	202	3	....	421	238	239	....	7	....	490
Johnson—														
Millerstown Precinct	13	96	109	15	94	....	....	110	17	107	....	3	....	127
St. Paris "	158	278	446	180	244	34	7	465	190	296	....	20	....	508
Mad River	85	339	429	96	297	17	15	425	113	345	5	7	....	471
Rush—														
Lewisburg Precinct	219	72	296	227	59	1	3	291	227	67	1	....	....	295
Woodstock "	167	40	208	158	42	....	....	202	179	48	....	....	....	228
Salem	243	151	392	242	140	....	2	403	304	165	2	1	....	476
Union	191	118	314	194	127	....	6	325	249	138	4	....	....	393
Urbana	227	95	322	220	82	....	....	302	235	109	....	1	....	345
Wayne	247	107	354	238	98	....	10	345	355	139	4	1	....	499
Urbana—														
1st Ward	322	155	482	314	146	....	....	465	378	155	1	....	....	536
2d "	315	152	476	347	151	....	5	504	176	213	....	1	....	393
3d "	230	192	324	138	208	....	....	348	270	96	6	....	....	372
Totals	3279	2582	5938	3282	2425	57	119	5918	3802	2709	64	41	....	6641

CLARKE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Bethel—														
Donnelsville Precinct	101	85	193	106	74	2	3	185	133	87	6	1	....	227
Medway "	54	59	120	63	51	6	3	123	103	79	2	2	....	186
North Carlisle "	152	57	238	167	39	28	12	247	184	73	7	7	....	271
German—														
Lawrenceville Precinct	55	120	188	57	122	17	2	198	66	146	9	24	....	245
Tremont "	23	141	172	37	126	5	9	178	49	149	7	5	....	210
Greene	197	39	244	213	35	5	10	264	274	70	1	....	....	345
Harmony	201	74	305	188	87	22	50	348	247	129	30	3	....	409
Madison	277	140	438	297	128	8	15	448	388	135	3	4	....	530
Mad River	156	205	369	164	185	8	18	376	187	225	25	....	....	437
Moorefield	137	86	226	168	102	3	4	277	187	122	3	6	....	318
Pike	123	162	287	128	162	....	6	342	153	190	7	1	...	351
Pleasant	211	71	299	228	48	2	25	303	290	62	12	....	....	364
Springfield	273	193	547	384	184	30	65	658	445	266	34	13	....	758
Springfield City—														
1st Ward	192	286	502	268	340	22	16	666	332	413	8	8	....	761
2d "	231	301	596	332	318	22	82	756	416	424	30	8	....	878
3d "	476	211	776	624	225	17	86	956	807	290	30	13	....	1140
4th "	246	369	688	369	445	37	37	890	488	540	7	14	....	1049
5th "	246	181	477	329	186	10	57	584	451	239	20	10	....	720
Totals	3351	2785	6665	4142	2857	244	500	7799	5200	3639	241	119	....	9199

CLERMONT COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy	Jere N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Amelia	.....	.....	.....	162	112	96	....	341	193	133	....	34	....	355
Bantam	.....	.....	.....	7	12	1	....	20	11	9	....	1	....	21
Batavia	338	384	759	.....	.....	.....	....	.....	.....	.....	....	.....	....	.....
Batavia Precinct	.....	.....	.....	214	244	145	....	606	281	292	....	56	....	632
Franklin	268	406	683	300	385	13	....	698	357	409	....	3	....	771
Goshen	163	201	393	147	193	71	....	415	216	213	....	21	....	450
Jackson	137	173	317	121	177	69	....	367	170	215	....	24	....	409
Miami—														
Branch Hill Precinct	.....	.....	.....	.....	.....	.....	....	.....	71	113	....	.....	....	184
Loveland "	103	197	301	132	204	8	....	344	68	98	....	3	....	171
Milford "	128	156	285	144	163	9	1	320	161	167	....	1	....	332
Newberry "	101	53	158	102	64	5	....	171	104	64	....	.....	....	168
Monroe—														
Laurel Precinct	.....	.....	.....	132	177	43	....	352	.....	.....	....	.....	....	.....
Bantam	.....	.....	.....	21	21	39	....	82	153	217	....	19	....	390
Ohio	181	205	439	353	312	53	....	719	38	21	....	17	....	76
Pierce	297	293	635	64	210	24	....	298	384	325	....	21	....	729
Locust Cor. Precinct	.....	.....	.....	.....	.....	.....	....	.....	62	212	....	8	....	285
Stone Lick	125	228	378	.....	.....	.....	....	.....	.....	.....	....	.....	....	.....
North Precinct	52	70	123	49	66	13	....	139	64	85	....	3	....	155
South "	91	148	256	101	153	13	....	272	128	163	2	2	....	296
Tate	298	281	606	.....	.....	.....	....	.....	.....	.....	....	.....	....	.....
Bethel Precinct	.....	.....	.....	148	212	166	....	527	233	245	....	83	....	564
Bantam "	.....	.....	.....	27	31	35	....	94	59	41	....	3	....	103
Union	139	265	405	120	236	62	....	418	161	261	....	17	....	439
Wayne	122	265	399	127	249	65	....	442	150	276	....	37	....	464
Washington—														
Neville Precinct	89	106	196	82	111	2	....	195	98	126	....	1	....	225
Moscow "	76	113	191	97	100	1	....	199	101	100	....	.....	....	203
North "	57	129	187	61	124	10	....	196	95	129	....	.....	....	224
Williamsburg	278	186	484	221	169	116	....	509	317	156	....	55	....	529
Totals	3043	3859	7225	2932	3725	1029	1	7724	3677	4070	2	403	....	8175

CLINTON COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Adams	140	23	166	153	22	....	....	175	180	22	....	.....	....	203
Chester	200	47	277	251	49	....	9	311	279	58	13	.....	....	350
Clark	228	98	350	282	136	....	2	425	318	125	1	1	....	445
Green—														
North Antioch Prec	126	77	203	130	80	....	....	211	144	96	....	.....	....	240
North Vienna "	193	159	369	224	179	....	23	430	236	187	11	.....	....	435
Jefferson	137	74	233	152	79	....	12	243	198	110	5	3	2	319
Liberty—														
Mt. Pleasant	60	25	90	74	38	....	....	112	97	27	10	.....	....	125
Port Williams	83	59	145	92	70	....	....	163	119	79	3	.....	....	201
Marion	155	159	324	178	197	1	....	384	227	208	....	.....	....	436
Richland	197	226	427	223	247	....	4	475	280	268	7	.....	....	555
Union	733	376	1026	793	293	....	9	1098	902	284	7	.....	....	1194
Vernon	194	111	313	219	120	....	....	342	231	123	10	.....	....	368
Washington	98	137	237	108	152	....	1	262	115	153	....	.....	....	268
Wayne	113	135	249	112	137	....	11	261	143	177	1	.....	....	323
Wilson	109	103	212	112	128	....	....	240	120	134	....	.....	....	254
Totals	5766	1709	4921	3103	1927	1	71	5131	3589	2051	68	4	2	5716

COLUMBIANA COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Butler	220	95	323	229	79	8	....	317	169	112	1	3	....	385
Center	451	261	730	462	245	26	....	737	535	305	....	4	....	847
Elk Run	154	143	317	166	134	17	....	318	167	163	....	8	....	338
Fairfield	269	231	606	283	188	99	...	570	352	342	....	12	....	706
Franklin	46	130	198	39	120	30	....	190	47	166	....	3	....	216
Hanover	278	205	490	287	197	9	....	494	331	238	....	....	....	569
Knox	136	254	392	149	219	7	....	375	208	284	....	....	....	493
Liverpool	362	212	629	409	178	105	....	699	604	337	....	4	....	946
Madison	119	111	235	136	115	8	....	260	141	119	1	....	....	262
Middleton	185	116	302	181	74	27	....	282	213	120	....	....	....	330
Perry—														
North Ward Precinct	291	88	418	294	71	42	4	411	381	108	3	23	....	515
South "	294	143	492	276	92	88	12	465	357	158	9	33	....	559
Salem—														
Leetonia Precinct	218	275	636	212	246	163	....	619	275	369	....	58	....	701
Franklin Square Prec.	114	98	214	111	61	18	....	190	134	96	....	4	....	233
St. Clair	96	115	215	90	89	4	....	183	124	141	....	....	....	266
Unity	233	292	553	211	281	28	....	521	304	271	....	....	....	676
Washington	233	157	450	248	119	153	....	523	345	223	....	52	....	622
Wayne	50	107	139	68	103	....	....	171	75	123	....	....	....	198
West	183	186	372	163	125	33	....	322	276	203	....	....	....	480
Yellow Creek	323	222	549	381	240	3	...	630	450	261	....	....	....	718
Totals	4255	3441	8260	4395	2976	868	16	8277	5588	4240	14	204	....	10060

COSHOCTON COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Adams	96	117	213	101	135	2	....	238	120	132	...	....	....	252
Bedford	114	104	219	122	94	....	....	216	123	107	....	....	..	230
Bethlehem	65	98	163	71	94	....	....	165	81	111	....	....	....	192
Clark	83	99	182	96	105	....	....	201	106	127	....	....	....	233
Crawford	41	196	237	48	240	....	....	288	49	261	....	....	....	310
Franklin	76	111	187	87	104	....	....	191	97	145	....	....	....	242
Jackson	198	194	394	180	162	14	....	356	234	210	....	3	....	447
Jefferson	78	153	231	86	171	....	....	257	109	185	....	....	....	294
Keene	124	70	194	129	71	....	....	200	149	73	....	....	....	222
Lafayette	87	107	194	86	116	....	....	202	109	148	....	....	....	257
Linton	141	184	326	140	198	....	....	338	176	241	....	....	..	417
Mill Creek	43	80	126	45	83	....	....	128	49	94	....	....	....	143
Monroe	80	104	184	80	104	....	....	184	103	122	....	....	....	225
New Castle	70	125	196	92	119	....	5	217	106	142	5	....	....	253
Oxford	86	117	203	92	107	4	....	203	119	135	....	3	....	257
Perry	57	135	182	59	142	....	....	201	76	142	....	....	....	218
Pike	83	84	168	87	88	....	....	175	86	102	....	....	....	188
Tiverton	44	135	182	32	110	....	15	157	37	144	15	....	....	196
Tuscarawas	348	450	819	376	413	82	....	871	436	485	....	18	....	939
Virginia	121	74	195	114	68	6	....	188	153	89	....	4	....	246
Washington	95	56	152	100	60	....	....	160	99	72	....	1	....	172
White Eyes	98	93	192	115	93	....	....	208	121	122	....	....	....	243
Totals	2228	2886	5149	2338	2877	108	20	5344	2738	3389	20	29	....	6176

CRAWFORD COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Auburn	90	101	191	102	94	15	7	218	130	131	7	1	....	269
Bucyrus	279	588	889	370	538	80	17	1013	388	669	37	....	....	1113
Chatfield	10	201	211	14	224	1	....	240	17	218	....	....	....	236
Cranberry	35	231	272	49	293	20	17	380	59	308	7	12	....	389
Dallas	38	35	78	45	36	1	4	86	55	38	4	1	....	99
Galion City—														
First Ward	.....	.....	.....	.....	.....	.....	.....	.....	38	166	6	....	....	211
Second "	.....	.....	.....	.....	.....	.....	.....	.....	92	192	8	....	....	292
Third "	.....	.....	.....	.....	.....	.....	.....	.....	147	211	6	....	....	367
Fourth "	.....	.....	.....	.....	.....	.....	.....	.....	156	134	11	....	....	302
Holmes	97	173	272	115	179	....	....	294	113	209	4	....	....	331
Jackson	132	360	555	221	354	46	2	625	283	419	1	8	....	713
Jefferson	45	149	197	41	139	12	1	194	56	171	2	17	....	247
Liberty	156	184	361	150	196	2	38	387	161	193	26	....	....	382
Lykins	67	129	198	69	150	4	....	223	81	180	3	....	....	264
Polk	354	731	1124	435	675	55	8	1173	47	166	1	....	....	214
Sandusky	55	78	135	54	81	3	8	146	55	94	2	....	....	151
Texas	44	59	120	63	57	13	7	140	77	65	6	....	....	148
Tod	62	129	199	79	138	3	4	224	102	150	2	....	....	254
Vernon	36	154	190	33	158	....	....	191	47	199	....	....	....	246
Whetstone	81	196	278	84	177	3	....	264	109	280	2	2	....	400
Totals	1581	3498	5270	1924	3489	258	113	5798	2213	4193	135	43	....	6628

CUYAHOGA COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bedford	169	133	312	147	96	11	59	315	231	132	10	....	....	373
Brecksville	121	61	185	133	50	20	10	214	147	61	3	3	....	216
Brooklyn—														
Village Precinct	126	60	200	156	57	18	3	238	197	70	....	1	....	267
South "	89	98	187	93	67	23	....	183	108	99	....	1	....	201
West Cleveland Prec't	85	59	161	88	31	51	2	171	112	79	....	....	....	196
Chagrin Falls	227	68	332	239	54	35	24	353	279	66	17	5	....	367
Cleveland—														
1st Ward	.....	.....	.....	.....	.....	.....	.....	.....	996	535	3	....	....	1568
2d "	.....	.....	.....	.....	.....	.....	.....	.....	887	425	2	8	....	1333
3d "	.....	.....	.....	.....	.....	.....	.....	.....	301	307	1	3	....	608
4th "	.....	.....	.....	.....	.....	.....	.....	.....	1265	574	2	32	....	1898
5th "	.....	.....	.....	.....	.....	.....	.....	.....	669	1079	1	21	....	1759
6th "	.....	.....	.....	.....	.....	.....	.....	.....	2099	876	13	45	....	3034
7th "	.....	.....	.....	.....	.....	.....	.....	.....	742	586	1	7	....	1332
8th "	.....	.....	.....	.....	.....	.....	.....	.....	178	826	....	....	....	1011
9th "	.....	.....	.....	.....	.....	.....	.....	.....	629	449	10	6	....	1095
10th "	.....	.....	.....	.....	.....	.....	.....	.....	806	614	4	10	....	1436
11th "	.....	.....	.....	.....	.....	.....	.....	.....	859	862	5	37	....	1769
12th "	.....	.....	.....	.....	.....	.....	.....	.....	590	346	2	28	....	965
13th "	.....	.....	.....	.....	.....	.....	.....	.....	650	380	5	24	....	1058
14th "	.....	.....	.....	.....	.....	.....	.....	.....	419	392	....	28	....	838
15th "	.....	.....	.....	.....	.....	.....	.....	.....	495	336	3	20	....	855
16th "	.....	.....	.....	.....	.....	.....	.....	.....	482	173	5	4	....	666
17th "	.....	.....	.....	.....	.....	.....	.....	.....	520	132	5	1	....	661
18th "	.....	.....	.....	.....	.....	.....	.....	.....	852	603	10	54	....	1520

CUYAHOGA COUNTY—Continued.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Dover	125	140	266	143	146	7	32	329	158	160	....	2	....	321
East Cleveland	139	80	244	124	51	15	50	240	185	69	8	18	1	282
Glenville Prec't	73	42	118	86	28	16	1	131	79	51	....	3	....	135
Collinwood Prec't	106	40	154	107	38	5	6	156	143	40	....	1	....	184
Euclid	204	203	221	161	150	35	35	381	222	165	10	9	1	407
Independence	92	143	257	96	88	47	9	240	124	144	9	6	....	284
Euclid Collinwood Prec't	....	....	....	....	....	....	....	....	49	15	....	....	....	68
Mayfield	93	83	176	96	50	8	2	156	124	79	....	....	....	203
Middleburg	311	251	581	286	241	62	71	659	397	318	11	....	....	730
Newburgh	82	71	165	84	53	22	....	159	120	92	....	1	....	213
Olmstead	162	122	295	146	82	43	18	291	212	141	5	10	....	369
Orange	93	45	142	99	30	17	3	141	114	55	....	....	....	169
Parma	92	142	239	111	118	5	....	234	112	132	....	....	....	245
Rockport—														
1st Precinct	99	49	143	83	48	3	13	147	125	54	....	5	....	185
2d "	143	123	265	118	112	42	18	291	174	134	13	....	....	321
Royalton	170	45	216	178	36	11	1	227	200	42	....	....	....	244
Solon	106	84	191	101	76	6	8	191	121	85	1	....	....	207
Strongsville	133	34	172	144	30	14	....	188	162	39	....	....	....	202
Warrensville	136	108	244	117	88	8	20	234	162	132	....	....	....	294
Totals	11634	10644	25395	12849	8111	5743	685	27400	17496	11940	162	482	2	30089

DARKE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart	A. Sanders Platt.	Scattering.	Total vote.
Adams—														
West Precinct	142	141	288	163	147	2	....	313	197	159	....	....	....	357
East "	58	74	164	62	71	14	..	147	93	100	3	....	....	198
Allen	70	120	192	72	122	1	....	196	99	125	....	1	....	225
Brown	106	222	377	87	272	17	....	379	129	311	17	....	....	463
Butler	100	264	375	109	220	1	8	340	141	244	....	....	....	395
Franklin	136	116	302	129	122	11	3	266	162	140	2	....	....	305
Greenville	427	735	1350	571	787	48	....	1412	647	838	11	8	....	1511
German	156	137	300	210	144	14	2	371	241	171	....	6	....	419
Harrison	140	239	393	127	222	37	6	393	181	298	....	16	....	496
Jackson—														
Western Precinct	90	186	292	121	189	6	....	317	135	225	....	3	....	365
Eastern "	42	93	140	65	125	....	....	191	98	135	....	....	....	234
Mississinewa	71	134	230	83	120	19	....	231	112	158	....	14	....	284
Monroe	94	109	208	123	135	....	....	258	125	138	....	....	....	263
Neave	88	141	236	82	149	2	....	234	100	162	....	....	....	264
Patterson	84	70	165	112	101	....	....	213	110	111	....	....	....	221
Richland	58	163	245	78	162	3	....	246	97	185	....	2	....	284
Twin	195	313	579	201	335	31	....	567	263	356	2	11	....	633
Van Buren	118	137	308	119	139	9	....	271	146	174	5	3	....	328
Wabash	96	76	183	74	75	25	....	175	115	95	....	8	....	220
Washington	121	101	238	159	129	2	1	290	184	150	....	....	....	335
Wayne	156	274	438	171	328	12	....	512	200	359	2	1	....	563
York	64	102	170	62	108	....	....	171	84	128	1	....	....	214
Totals	2612	3947	7233	2980	4202	254	20	7493	3659	4762	51	74	....	8577

DEFIANCE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Adams	29	195	231	23	176	10	....	210	42	222	....	....	....	265
Defiance	182	541	994	279	617	159	....	1055	495	807	....	22	....	1330
Delaware	27	168	230	26	146	14	....	189	70	211	....	2	....	283
Farmer	137	103	250	145	103	4	....	254	166	123	....	....	....	289
Hicksville	151	189	427	78	105	4	....	188	222	255	1	10	....	489
Highland	90	105	195	135	211	53	....	399	133	141	....	....	....	274
Mark	46	83	135	53	92	6	....	147	104	129	....	....	....	233
Milford	113	135	254	103	137	3	....	245	127	168	....	....	....	296
Noble	62	118	186	64	103	4	....	171	74	127	....	....	....	201
Richland—														
North Precinct	55	103	168	43	95	4	....	143	71	121	....	....	....	192
South "	7	65	76	14	79	....	....	93	14	95	....	....	....	109
Tiffin	69	157	242	65	156	9	....	230	100	211	....	....	....	312
Washington	49	133	199	49	129	15	....	194	76	190	....	....	....	267
Totals	1017	2095	3587	1077	2149	285	....	3517	1694	2800	1	34	....	4540

DELAWARE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Berkshire	191	133	344	234	139	4	18	394	253	154	10	....	....	416
Berlin	155	126	292	162	117	....	13	292	177	139	9	....	....	326
Brown	105	92	222	123	90	3	24	240	133	115	32	....	....	280
Concord	62	120	188	84	141	....	5	231	90	158	3	....	....	253
Delaware township	90	108	218	110	102	3	25	242	129	114	14	....	....	257
Delaware city—														
First Ward	191	70	283	231	57	6	22	321	257	71	15	1	....	346
Second "	151	74	249	153	81	6	28	269	187	91	6	....	....	284
Third "	96	104	234	109	99	16	42	267	158	112	29	....	....	299
Fourth "	57	137	211	77	150	6	14	248	96	162	9	....	....	271
Fifth "	112	257	383	156	243	16	7	431	146	294	6	....	....	447
Genoa	69	108	186	79	112	....	10	201	95	155	5	....	....	255
Harlem	66	134	220	90	144	....	17	251	107	162	9	....	....	278
Kingston	90	35	126	105	38	1	4	149	110	36	5	....	....	153
Liberty Precinct No. 1	....	....	....	....	....	....	....	....	72	100	3	....	....	176
Liberty Precinct No. 2	....	....	....	....	....	....	....	....	72	87	7	....	....	168
Marlboro	45	43	91	55	48	1	2	108	61	47	2	....	....	112
Orange	111	84	206	132	100	3	22	257	155	103	21	1	....	281
Oxford	147	93	246	160	103	....	10	277	203	129	3	....	....	335
Porter	80	34	123	103	47	9	6	170	122	61	2	....	....	185
Radnor	184	62	257	208	59	....	6	273	225	87	9	....	....	320
Scioto	94	224	358	122	212	2	43	380	134	237	37	....	....	408
Thompson	48	122	171	61	108	....	4	173	79	146	2	....	....	227
Trenton	58	120	182	67	132	....	11	210	78	146	8	....	....	233
Troy	74	99	179	94	93	....	....	188	107	108	....	....	....	216
.....	2383	2501	5219	2832	2595	78	352	5880	3246	3014	246	2	....	6526

ERIE COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Berlin	219	120	426	235	105	82	2	424	302	166	2	24	....	494
Florence	149	122	282	156	111	36	....	302	188	139	1	2	....	331
Groton	62	105	169	59	96	9	....	167	95	132	....	....	....	227
Huron	154	137	312	142	136	76	5	359	208	195	6	3	....	412
Kelley's Island	105	81	189	86	59	33	....	178	142	66	....	5	....	186
Margaretta	221	123	348	197	131	11	2	341	240	154	9	1	....	405
Milan	264	121	521	288	127	130	2	547	307	192	2	43	....	548
Oxford	94	106	207	120	103	29	....	254	134	134	2	6	....	277
Perkins	141	158	305	122	156	5	....	284	159	181	1	....	....	343
Vermillion	125	195	340	102	215	29	....	349	136	228	....	10	....	375
Sandusky City—														
First Ward	217	201	462	272	227	30	....	528	323	282	....	....	....	606
Second "	245	236	501	285	252	7	....	547	334	249	....	....	....	584
Third "	216	241	465	246	246	18	....	510	311	239	....	1	....	552
Fourth "	154	254	435	204	288	14	....	506	266	304	....	....	....	572
Fifth "	58	286	371	86	306	15	....	407	141	312	....	....	....	458
Totals	2424	2486	5332	2600	2558	524	11	5702	3286	2973	23	95	....	6370

FAIRFIELD COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Amanda	169	222	391	173	244	....	....	418	189	254	....	....	....	444
Berne	115	388	505	128	396	....	....	459	....	....	....	....	....	....
Sugar Grove Precinct	....	....	....	....	....	....	....	....	36	272	....	....	....	309
Berne Township Prec.	....	....	....	....	....	....	....	....	108	176	....	....	....	284
Bloom	126	288	414	137	320	....	....	524	....	....	....	....	....	....
Greencastle Precinct	....	....	....	....	....	....	....	....	76	175	....	....	....	253
Lithopolis "	....	....	....	....	....	....	....	....	67	146	8	1	....	234
Clear Creek	123	292	422	....	....	....	....	....	151	343	....	....	....	495
Greenfield	202	197	401	130	116	....	....	246	....	....	....	....	....	....
Carroll Precinct	....	....	....	103	317	....	....	421	95	109	....	....	....	196
Greenfield "	....	....	....	96	97	....	....	193	138	142	....	....	....	281
Hocking	156	213	370	129	251	....	....	381	148	277	....	....	....	425
Liberty	185	451	629	192	465	....	....	659	239	526	....	....	....	772
Madison	73	175	248	82	163	....	....	245	98	205	....	....	....	304
Pleasant	162	289	451	182	308	....	....	489	208	333	....	....	....	541
Richland	138	199	344	147	202	....	....	350	161	207	4	....	....	373
Rush Creek	165	168	349	170	181	....	....	351	200	205	....	....	....	410
Violet	80	323	405	85	321	....	....	407	106	341	....	....	....	453
Walnut	164	261	461	191	256	....	7	454	247	311	....	....	....	559
Lancaster—														
First Ward	176	198	375	197	199	....	....	397	211	232	....	....	....	443
Second "	148	112	265	164	112	....	....	276	170	120	....	....	....	292
Third "	98	175	279	101	200	....	1	303	115	218	....	....	....	333
Fourth "	65	121	187	75	116	....	1	192	86	130	....	....	....	217
Fifth "	72	82	156	75	101	....	....	181	94	120	....	....	....	215
Totals	2417	4154	6652	2557	4365	....	9	6947	2933	4833	12	1	....	7823

FAYETTE COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Concord	84	63	148	91	85	2	....	185	107	101	....	....	....	211
Greene	83	91	173	110	89	....	....	200	104	96	....	....	....	201
Jasper	157	165	322	214	222	1	....	439	252	238	....	....	....	491
Jefferson	285	232	531	325	235	15	....	576	436	284	....	....	....	723
Madison	125	147	272	127	163	3	....	228	139	184	2	....	....	326
Marion	71	111	181	79	97	....	....	176	95	123	....	....	....	219
Paint	198	143	343	250	181	....	....	444	283	216	....	....	....	499
Perry	184	65	250	210	89	....	....	303	217	98	....	....	....	316
Union—														
West Precinct	267	241	511	313	262	9	....	584	324	299	1	3	....	606
East "	360	322	684	428	361	26	....	821	518	364	2	9	....	895
Wayne	168	146	316	183	152	4	....	342	209	193	....	....	....	401
Totals	1992	1726	3731	2330	1936	63	....	4298	2682	2174	5	12	....	4888

FRANKLIN COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Blendon	215	158	444	259	143	8	49	461	326	176	30	2	....	534
Brown	89	67	156	106	80	7	....	193	134	95	....	....	....	230
Clinton	83	178	262	117	215	4	....	338	153	248	1	....	....	408
Franklin	148	259	412	175	302	26	....	504	225	334	1	2	....	565
Hamilton	105	148	254	109	181	7	....	297	132	196	4	....	....	334
Jackson	95	273	387	108	293	6	4	411	132	298	28	....	....	464
Jefferson	51	182	250	52	192	4	....	250	76	192	2	....	....	271
Madison—														
Groveport Precinct	140	244	389	155	258	14	3	430	171	299	14	1	....	488
Winchester "	124	233	365	128	229	13	1	371	171	235	4	3	....	413
Marion	68	212	281	91	264	16	....	370	123	311	....	1	....	435
Mifflin	102	188	304	134	187	14	....	338	181	212	6	5	....	404
Norwich	153	170	347	168	168	5	10	352	189	189	10	....	....	395
Perry	117	94	227	170	102	6	....	279	162	126	35	....	....	322
Plain	104	186	300	118	182	6	....	307	132	188	4	1	....	325
Pleasant	155	207	367	160	235	6	....	401	206	297	....	....	....	502
Prairie	113	172	298	153	196	16	....	361	176	246	....	....	....	424
Sharon	113	83	199	134	98	3	2	237	153	119	....	....	....	274
Worthington Precinct	58	35	97	62	23	....	2	88	70	28	....	1	....	99
Truro	128	181	326	154	196	8	21	380	217	216	38	2	....	475
Washington	52	132	220	81	174	2	15	275	85	160	57	....	....	303
Columbus—														
1st Ward—A	167	164	382	235	198	48	4	492	321	233	3	4	....	562
" B	79	107	219	135	118	18	1	272	150	122	....	2	....	277
2d " A	179	94	291	264	86	10	1	363	275	102	....	1	....	381
" B	225	75	342	268	82	22	....	379	317	90	2	15	....	429
3d " A	170	151	341	228	151	25	2	410	257	151	1	1	....	413
" B	107	70	194	148	66	4	....	220	184	69	....	2	....	255
4th " A	101	214	326	170	213	26	5	413	195	214	5	2	....	416
" B	128	137	279	148	190	15	....	352	176	188	....	1	....	364
" C	66	130	218	99	127	7	....	234	121	152	1	1	....	275
5th " A	49	253	318	84	252	30	1	380	129	282	....	3	....	414
" B	43	200	251	99	225	13	....	338	141	200	....	4	....	347
6th " A	21	246	277	30	271	28	....	329	64	292	....	2	....	369
" B	28	227	273	67	244	40	....	350	98	257	....	8	....	362
" C	20	234	256	32	266	20	....	320	68	273	....	11	....	367

FRANKLIN COUNTY—Continued.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Columbus—Continued—														
7th Ward—A	72	155	259	104	159	40	....	300	159	186	...	6	....	352
" B	99	216	414	143	245	45	....	443	199	265	3	4	....	470
" C	100	134	250	121	129	37	1	290	194	133	1	5	....	331
8th " A	224	109	346	265	120	23	4	414	287	119	....	....	....	410
" B	73	138	228	94	144	29	....	267	129	186	4	....	....	326
" C	120	116	251	133	123	17	....	271	194	131	....	....	....	327
" D	70	94	185	98	86	19	4	211	144	96	1	1	....	242
" E	140	82	245	222	106	20	....	352	281	113	3	3	....	400
9th " A	124	155	318	156	142	34	8	344	266	175	1	....	....	448
" B	31	137	197	52	161	43	1	258	85	183	....	6	....	275
" C	49	164	231	58	156	45	1	260	88	176	2	4	....	268
10th " A	99	191	342	135	190	80	....	408	200	229	....	16	....	245
" B	81	117	289	104	78	167	1	351	197	173	2	32	....	404
" C	93	68	179	135	61	23	1	220	172	73	....	2	....	250
11th "	57	224	298	94	264	43	1	404	128	275	....	6	....	412
Totals	5028	7804	13884	6555	8371	1142	143	16288	8433	9313	263	162	....	18256

FULTON COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Amboy	107	90	206	149	86	26	....	261	184	101	....	5	....	290
Chesterfield	97	47	176	108	21	87	4	220	124	86	5	7	....	224
Clinton	403	173	685	487	192	113	...	805	536	248	7	8	....	800
Dover	97	37	211	145	29	72	....	249	154	65	....	10	....	230
Franklin	81	74	162	94	90	12	....	196	125	84	....	....	....	210
Fulton	148	82	241	150	98	55	....	306	202	120	....	11	....	334
German	42	142	233	90	249	29	6	376	110	236	2	3	....	352
Gorham	121	148	299	145	168	43	....	357	221	223	....	6	....	450
Pike	110	25	153	141	29	43	....	214	164	50	....	1	....	217
Royalton	101	72	193	129	71	34	....	235	161	94	2	1	....	259
Swan Creek	106	78	184	131	74	29	....	234	185	103	....	7	....	300
York	187	188	421	244	192	39	7	483	332	222	3	1	....	558
Totals	1600	1156	3164	2013	1299	582	17	3936	2498	1632	14	60	....	4224

GALLIA COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Addison	107	163	269	108	176	....	....	284	133	191	....	....	....	326
Cheshire	251	98	350	171	73	....	....	246	184	70	....	....	....	254
Cheshire Precinct	.....	.....	.....	143	57	1	....	201	143	60	....	....	....	203
Clay	99	119	218	115	129	....	....	244	156	154	2	....	....	312
Gallipolis	90	48	138	103	52	....	....	155	103	65	....	....	....	168
Green	180	94	275	208	111	....	....	319	212	122	....	....	....	334
Greenfield	94	78	173	104	91	....	....	195	114	82	2	....	....	198
Guyan	104	151	256	78	171	....	....	251	174	226	....	....	....	401
Harrison	131	89	221	112	102	....	....	214	155	137	....	....	....	293
Huntington	179	110	300	193	126	....	10	331	221	115	7	....	....	346
Morgan	119	131	253	126	151	1	....	277	152	154	....	1	....	307
Ohio	48	128	177	46	146	....	....	192	101	180	....	....	....	282
Perry	145	87	234	162	88	....	....	251	198	91	1	....	....	292
Raccoon	227	95	327	261	102	....	....	365	288	103	4	....	....	395
Springfield	193	141	337	212	133	....	....	347	231	175	....	....	....	405
Walnut	137	141	278	144	163	1	....	308	185	186	1	....	....	374
Gallipolis—														
1st Ward	67	140	212	63	162	1	....	229	95	162	....	1	....	258
2d "	139	73	215	143	105	....	....	251	148	105	....	1	1	255
3d "	148	74	227	179	77	....	....	257	196	86	....	2	....	284
4th "	128	38	168	130	36	....	....	167	139	27	....	2	....	168
Totals	2586	1997	4628	2801	2251	4	10	5084	3328	2491	17	7	1	5855

GEAUGA COUNTY.

Townships and Wards	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Auburn	113	48	164	92	31	19	...	142	140	48	....	2	....	190
Bainbridge	108	48	161	103	36	9	...	149	123	58	1	2	....	185
Burton	181	65	250	185	43	12	...	240	224	81	....	....	....	305
Chardon	164	95	362	278	71	48	...	396	323	118	....	18	....	462
Chester	230	15	148	120	11	3	3	137	163	14	1	6	....	185
Claridon	150	21	176	144	10	8	....	162	183	23	1	3	....	212
Hampden	134	23	158	133	20	1	2	156	146	23	....	....	....	170
Huntsburg	138	24	162	149	12	6	...	168	175	21	....	2	....	198
Middlefield	127	38	167	109	32	11	18	170	170	44	....	6	....	223
Montville	120	43	166	126	33	3	....	162	147	41	1	1	....	190
Munson	105	53	161	130	37	9	...	177	148	53	....	5	....	207
Newberry	140	30	172	140	18	27	13	199	178	34	2	8	...	222
Parkman	128	73	206	124	46	6	....	178	168	84	2	7	...	263
Russell	120	20	141	117	15	3	....	136	161	18	....	2	....	181
Thompson	142	78	221	123	48	21	...	193	195	77	....	8	...	280
Troy	156	40	199	162	29	4	...	197	200	38	....	....	....	239
Totals	2256	714	3014	2235	492	190	36	2962	2844	775	8	70	...	3712

GREENE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bath—														
Fairfield Precinct	140	160	306	137	121	4	3	266	173	178	4	....	....	355
Osborn "	80	137	219	92	98	15	....	205	137	145	....	....	....	282
Beaver Creek	20	176	410	244	127	....	1	429	349	210	....	....	....	560
Cæsar's Creek	83	97	190	95	90	....	12	202	150	135	3	....	....	289
Cedarville	262	94	399	300	91	....	12	409	422	124	8	....	....	567
New Jasper	126	34	174	136	39	....	3	179	183	57	1	....	....	241
Jefferson	101	174	287	124	197	....	16	338	168	210	3	....	....	381
Miami—														
Eastern Precinct	57	54	125	69	44	6	....	119	95	62	....	....	....	157
Western "	216	105	350	228	104	5	4	344	316	133	3	....	....	452
Ross	119	132	255	110	101	....	3	214	192	139	2	....	....	333
Silver Creek	225	111	355	234	105	....	10	349	376	150	11	....	....	539
Spring Valley	158	157	327	182	142	....	4	327	232	188	5	....	....	426
Sugar Creek	207	177	387	214	177	....	....	391	231	185	....	....	....	417
Xenia	351	101	483	358	111	....	7	479	504	152	3	....	....	661
Xenia—														
First Ward	135	54	217	139	63	2	3	212	168	57	2	....	....	228
Second "	117	45	191	149	49	2	7	208	173	55	3	....	....	233
Third "	174	81	276	207	76	1	3	289	248	87	6	....	....	342
Fourth "	232	18	311	316	18	1	....	335	385	27	1	....	....	413
Fifth "	28	96	178	46	133	1	1	184	74	146	....	....	....	221
Totals	3031	2003	5440	3350	1886	37	89	5479	4582	2440	55	....	....	7097

GUERNSEY COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Adams	109	51	160	101	53	..	....	155	118	50	....	....	....	167
Cambridge—														
1st Precinct	200	192	392	207	191	7	....	400	232	189	7	....	....	431
2d "	183	113	296	190	101	2	....	293	192	110	7	....	....	311
3d "	139	120	263	165	99	5	....	274	176	114	....	....	....	292
Center	73	136	210	73	109	40	....	222	112	132	2	....	....	246
Jackson	101	85	187	92	94	2	....	190	111	106	2	....	....	221
Jefferson	102	79	181	112	83	....	....	196	117	77	..	....	....	194
Knox	62	101	163	56	106	....	....	163	76	118	..	....	....	194
Liberty	163	99	262	167	103	1	....	271	142	117	....	....	....	259
Londonderry	150	81	233	172	89	2	....	264	180	87	3	....	....	270
Madison	149	90	240	145	90	9	....	247	167	96	1	....	....	263
Milwood	196	169	374	159	153	7	11	329	230	199	9	....	....	438
Monroe	107	111	218	111	109	....	....	220	118	110	....	....	....	228
Oxford	151	183	334	192	144	10	..	340	161	157	....	4	..	322
Richland	164	92	269	176	108	10	..	294	205	101	4	....	1	312
Spencer	156	112	318	204	111	4	14	337	225	110	31	....	..	367
Valley	87	101	188	80	109	3	..	191	100	124	3	..	..	227
Washington	75	64	140	92	62	..	..	154	77	67	....	....	....	144
Westland	116	63	179	110	59	3	..	172	142	68	2	....	..	212
Wheeling	63	99	162	91	111	....	..	203	97	128	..	..	..	226
Wills	133	209	344	119	208	13	....	342	161	237	..	5	....	404
Totals	2701	2341	5134	2943	3229	115	25	5317	3179	2527	71	9	1	5799

HAMILTON COUNTY.

Townships and Wards.	Secretary of State—1878.					Governor—1879.					
	David R. Paige.	Milton Barnes.	Andrew Roy.	Jeremiah N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	John Hood.	Total vote.
Cincinnati—											
1st Ward—A	226	244	2	.....	474	315	234	...	...	...	551
" B	232	254	1	.....	480	284	185	...	...	...	472
" C	435	405	4	.....	841	433	394	...	2	1	847
" D	167	288	1	.....	457	328	173	...	3	1	509
2d Ward—A	527	685	13	.....	1353	903	497	...	3	2	1407
" B	138	321	.....	.....	461	351	130	...	2	...	485
3d Ward—A	440	691	6	.....	1152	482	192	1	...	8	685
" B	750	127	40	.....	913	106	814	...	10	8	938
" C	.....	.....	.....	.....	.....	251	303	...	...	2	559
4th Ward—A	351	117	8	.....	481	92	394	...	...	1	487
" B	452	221	18	.....	698	272	498	...	7	...	779
" C	357	412	10	.....	784	413	358	...	3	4	780
5th Ward—A	250	249	2	.....	503	281	246	...	1	1	532
" B	543	347	8	.....	902	439	566	...	...	...	1010
6th Ward—A	298	313	.....	.....	628	485	596	...	...	...	1097
" B	593	395	.....	.....	1005	321	332	...	...	6	661
7th Ward—A	315	617	.....	.....	964	626	331	...	...	39	996
" B	309	295	4	.....	629	360	330	...	...	23	713
8th Ward—A	338	307	.....	.....	652	331	396	...	2	6	666
" B	562	188	3	.....	754	174	603	...	...	...	779
9th Ward—A	393	614	14	.....	1033	739	401	...	...	10	1153
" B	207	337	9	.....	550	383	226	...	...	3	616
10th Ward—A	283	686	4	.....	1035	761	303	...	...	57	1121
" B	247	457	3	.....	724	504	286	...	2	19	812
11th Ward—A	336	730	1	.....	1104	795	418	...	1	49	1265
" B	147	434	3	.....	610	459	143	...	...	25	627
12th Ward—A	254	350	.....	.....	605	460	225	...	...	...	688
" B	368	515	.....	.....	919	609	338	...	...	45	998
13th Ward—A	441	269	3	.....	734	285	476	...	...	28	790
" B	361	551	.....	.....	954	613	336	...	...	56	1008
14th Ward—A	386	510	.....	.....	904	646	390	...	...	16	1061
" B	260	263	2	.....	534	345	244	...	...	7	596
15th Ward—A	327	508	5	.....	855	556	352	...	2	20	944
" B	238	360	2	.....	609	399	242	...	3	4	660
16th Ward—A	368	371	12	.....	756	429	434	1	2	1	866
" B	449	355	16	.....	839	391	515	...	7	12	924
17th Ward—A	470	694	11	.....	1184	782	449	2	1	2	1237
" B	241	305	2	.....	543	351	240	1	...	...	597
18th Ward—A	510	458	19	.....	999	531	627	...	...	8	1166
" B	328	387	10	.....	735	450	350	...	1	4	819
19th Ward—A	646	312	31	.....	992	367	737	...	12	1	1120
" B	350	241	2	.....	597	284	356	...	...	...	646
20th Ward—A	398	435	7	.....	854	520	391	...	...	5	921
" B	456	250	23	.....	714	318	485	...	2	...	805
21st Ward—A	660	447	23	.....	1134	555	652	...	12	5	1223
" B	393	124	9	.....	531	136	434	...	...	3	563
" C	.....	.....	.....	.....	.....	90	122	...	...	...	213
22d Ward—A	334	404	7	.....	757	491	398	...	...	14	904
" B	473	420	22	.....	928	550	532	...	2	13	1095
23d Ward—A	347	340	1	.....	690	435	390	...	...	2	828
" B	360	794	1	.....	1183	863	379	...	...	28	1274
24th Ward—A	311	427	5	.....	746	587	344	...	...	..	932
" B	275	348	2	.....	625	453	316	...	...	...	772
25th Ward—A	360	510	35	.....	912	609	417	...	13	...	1039
Anderson township—											
North Precinct	228	44	.....	.....	273	74	216	...	...	...	293
Center "	171	116	1	1	293	114	175	14	...	...	305
South "	136	76	2	.....	217	72	123	7	...	...	205
Colerain Township—											
North-east Precinct	244	163	.....	.....	407	210	278	...	...	...	489
South-west "	130	113	3	.....	247	145	152	...	..	...	298
Columbia Township—											
West Precinct	94	129	.....	.....	223	150	100	...	...	...	250
Center "	205	238	5	.....	450	293	246	1	...	...	544
East "	45	79	.....	.....	124	91	58	...	...	...	149
Oakley "	63	85	.....	.....	149	116	65	...	...	...	181
Crosby Township	118	85	5	.....	209	102	131	...	...	...	233

HAMILTON COUNTY—Continued.

Townships and Wards.	Secretary of State—1878.					Governor—1879.					
	David R. Paige.	Milton Barnes.	Andrew Roy.	Jeremiah N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	John Hood.	Total vote.
Delhi Township—											
West Precinct	74	99	7	.....	181	161	90	...	...	...	252
East "	71	120	.....	.....	198	140	94	2	1	...	237
Green Township—											
South west Precinct	77	86	.....	.....	164	94	76	...	...	...	170
North-west "	83	87	.....	.....	170	98	81	...	...	...	181
South-east "	142	185	.....	.....	327	202	165	...	...	...	369
North-east "	104	119	.....	.....	223	129	124	...	...	...	254
Harrison Township	256	173	9	.....	448	216	298	...	...	2	517
Miami Township	260	201	.....	.....	460	230	286	...	...	...	517
Mill Creek Township—											
North-east Precinct	158	140	.....	.....	298	159	138	...	...	...	297
Winton Place "	31	131	.....	.....	163	139	31	...	...	...	171
Clifton "	64	71	.....	.....	135	88	60	...	...	...	152
Western "	45	31	.....	.....	77	41	45	...	...	...	86
Avondale "	161	293	.....	.....	457	333	122	...	...	...	459
St. Bernard "	171	107	.....	.....	277	106	148	...	...	...	254
College Hill "	69	106	7	.....	173	134	66	...	...	...	200
Bond Hill "	66	62	.....	.....	129	67	66	...	...	...	135
Riverside "	87	102	9	.....	200	124	85	...	...	...	207
Springfield Township—											
Wyoming Precinct	109	208	6	.....	395	316	95	...	2	...	417
North-east "	223	220	28	.....	474	262	253	...	...	...	516
West "	297	108	1	.....	407	151	366	...	...	...	518
Hartwell "	60	135	.....	.....	195	145	72	...	...	...	217
Spencer Township—											
North Precinct	48	84	.....	.....	133	92	39	...	...	...	132
South "	50	4	.....	.....	54	9	57	...	...	...	66
Sycamore Township—											
East Precinct	170	143	3	.....	317	161	181	...	...	...	343
Sharonville Precinct	151	108	1	.....	261	115	147	...	...	...	262
Reading	381	223	9	.....	613	223	423	...	...	...	648
Symmes Township—											
North Precinct	115	108	.....	.....	223	78	59	...	...	...	137
Camp Dennison Precinct	45	64	.....	.....	109	73	50	...	...	...	123
Loveland	.....	.....	.....	.....	.....	40	53	...	...	...	94
Whitewater Township—											
South Precinct	106	48	7	.....	161	74	110	...	...	...	184
North "	101	60	.....	.....	161	54	97	...	...	...	151
Totals	24,458	25,622	593	8	51,195	29,616	25,971	28	103	547	56,485

HANCOCK COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Allen	79	131	211	77	131	3	...	211	92	142	....	1	1	237
Amanda	100	178	291	133	186	6	...	325	147	204	....	....	....	351
Big Lick	115	116	241	108	130	19	....	257	129	156	....	2	....	288
Blanchard	160	106	267	156	107	10	....	273	180	114	....	1	....	295
Cass	97	77	174	79	79	15	....	173	96	97	1	5	....	201
Delaware	167	126	293	175	137	5	....	317	193	162	....	....	....	355
Eagle	88	186	274	96	168	11	..	275	103	183	....	2	....	290
Findlay—														
West Precinct	321	368	642	294	281	99	...	548	378	335	...	13	....	729
East "	263	237	512	252	242	64	..	674	312	259	....	15	....	586
Jackson	78	148	228	83	160	14	....	257	103	194	....	....	....	297
Liberty	110	91	203	116	104	....	1	219	121	106	....	....	....	227
Madison	59	102	165	69	119	10	5	203	96	132	2	....	....	232
Marion	106	102	208	111	102	6	....	219	125	107	....	....	....	223
Orange	111	144	275	82	119	13	....	214	122	168	....	....	....	290
Portage	75	110	187	95	119	1	....	215	108	111	....	....	....	220
Pleasant	151	157	314	133	128	21	2	284	191	221	9	1	....	424
Union	125	223	348	130	185	20	....	335	170	249	....	....	....	420
Van Buren	32	111	142	39	106	....	....	136	50	128	....	....	....	178
Washington	127	191	325	.....	.....	....	....	.....	.....	.....	....	....	....	.....
East Precinct	.....	.....	.....	.....	.....	....	....	.....	109	98	....	....	....	207
West Precinct	.....	.....	.....	.....	.....	....	....	.....	86	142	1	6	....	236
Totals	2366	2804	5280	2363	2804	362	8	5535	2911	3308	13	47	1	6296

HARDIN COUNTY.

Townships and Wards.	Governor—1877.		Tota. vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Blanchard	261	196	472	262	202	...	24	489	294	227	6	....	....	528
Buck	168	162	332	126	126	...	5	257	154	128	1	....	....	283
Cessna	191	117	209	97	125	...	...	222	114	135	....	....	....	248
Dudley	152	114	270	150	120	..	10	280	172	143	1	...	....	316
Goshen	91	123	213	92	113	...	10	215	108	132	...	...	...	241
Hale	258	118	382	274	119	....	4	400	303	124	1	....	....	428
Jackson—														
Forest Precinct	105	109	219	126	109	....	6	241	133	122	....	....	....	255
Patterson "	81	118	199	83	122	..	1	205	89	125	...	..	....	216
Liberty	256	372	634	310	387	....	11	711	365	405	2	2	....	776
Lynn	88	86	174	89	95	....	....	185	91	105	....	....	....	196
Marion	139	66	207	139	55	....	....	197	157	72	....	....	....	229
McDonald	154	124	282	165	132	....	....	299	184	168	....	....	....	352
Pleasant	504	699	1217	142	211	....	5	358	176	229	....	....	....	405
Kenton—														
First Ward	.....	.....	.....	114	156	3	4	279	127	161	....	....	....	289
Second "	.....	.....	.....	130	134	...	6	273	154	136	....	....	....	290
Third "	.....	.....	.....	135	112	2	6	253	146	117	....	....	....	265
Fouth "	.....	.....	.....	82	128	1	1	207	98	128	....	....	....	227
Round Head	146	59	206	136	68	....	....	201	166	82	....	....	....	249
Taylor Creek	140	76	217	146	87	....	....	233	172	101	....	....	....	274
Washington	90	184	280	101	185	....	3	290	109	193	....	....	....	302
Totals	2724	2724	5515	2908	2786	6	96	5804	3312	3033	11	2	....	6309

HARRISON COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Archer	50	107	157	66	100	...	....	166	77	106	...	....	....	183
Athens—														
First Precinct	23	89	115	18	85	12	....	115	23	100	...	8	....	132
Second "	93	57	153	95	52	3	1	151	111	58	1	....	....	170
Cadiz	413	239	656	404	236	15	....	646	467	260	...	1	....	729
Franklin	158	78	251	127	61	24	6	220	196	92	6	6	....	300
Freeport	129	103	243	113	96	12	....	221	165	129	....	....	....	291
German	88	188	280	87	140	1	....	228	119	209	3	....	....	331
Greene	139	175	315	141	170	...	....	317	171	203	....	....	....	376
Monroe	132	117	249	117	104	7	....	228	149	120	....	....	....	269
Moorfield	87	103	237	77	144	3	4	228	102	150	1	....	....	254
North	152	117	248	148	104	6	...	258	181	138	....	3	....	323
Nottingham	125	60	186	131	52	..	....	183	155	69	....	1	....	225
Rumley	89	172	261	92	158	...	....	250	113	187	1	....	....	301
Short Creek	331	70	402	312	66	7	....	385	366	77	....	....	....	447
Stock	83	91	175	81	91	...	....	172	90	99	....	....	....	190
Washington	140	106	247	120	88	..	..	208	154	113	....	....	....	269
Totals	2232	1912	4105	2129	1759	90	11	3976	2639	2110	12	19	...	4790

HENRY COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M Bishop.		Milton Barnes.	David R Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Barlow	53	108	161	59	96	51	....	207	93	135	....	....	....	232
Damascus	102	116	219	96	93	22	...	211	152	146	...	....	....	301
Flat Rock	77	125	203	75	142	18	...	235	121	191	....	....	....	313
Freedom	30	127	158	34	125	3	....	162	35	168	...	....	....	203
Harrison	115	123	238	52	104	61	....	217	159	151	...	....	....	312
Liberty—														
East Precinct	60	102	172	56	97	36	....	190	107	126	....	....	....	240
West "	49	125	175	40	145	17	....	202	76	160	....	....	....	240
Marion	25	96	122	18	110	11	....	139	59	137	....	....	....	197
Monroe	24	88	112	8	98	35	....	143	35	154	....	....	....	189
Napoleon	249	464	719	171	427	167	....	769	303	579	....	....	....	888
Pleasant	41	149	193	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Bavaria Precinct	.....	.....	.....	14	130	....	....	144	33	152	....	....	....	185
Holgate "	.....	.....	.....	21	60	4	....	88	40	94	....	....	....	136
Richfield	55	38	93	31	49	8	....	88	74	64	....	....	....	139
Ridgeville	28	66	102	20	71	49	....	140	75	89	....	....	....	164
Washington	59	116	186	70	116	25	....	211	112	160	...	....	....	273
Totals	967	1843	2853	767	1863	507	....	3146	1474	2506	....	....	....	4012

HIGHLAND COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Brush Creek—														
North Precinct	63	55	118	74	68	....	....	142	83	67	....	....	....	150
South "	108	74	183	121	84	....	....	207	135	89	....	....	....	226
Clay	130	97	227	140	147	....	....	288	179	137	....	....	....	258
Concord	112	135	248	114	148	....	....	262	130	128	....	....	....	316
Dodson	117	264	390	125	275	....	6	406	149	300	8	1	....	460
Fairfield	348	175	547	380	189	....	....	572	413	207	....	....	....	626
Hamer	39	176	215	44	184	....	....	233	56	181	....	....	....	237
Jackson	59	136	197	60	130	....	1	191	64	142	1	....	....	207
Liberty—														
North Precinct	274	224	502	318	249	....	....	561	348	263	....	....	....	616
South "	373	211	632	347	261	....	....	653	404	255	....	....	....	663
Madison	429	289	722	478	305	....	....	784	502	316	2	....	....	819
Marshall	62	111	174	67	101	....	....	168	72	108	....	1	....	181
New Market	89	160	252	86	183	....	....	269	93	185	....	....	....	279
Paint—														
North Precinct	142	88	230	138	118	....	....	256	137	134	....	1	....	274
South "	172	111	285	166	129	....	....	297	178	133	1	....	....	315
Penn	189	132	321	180	148	....	....	328	208	146	....	....	....	354
Salem	64	155	219	62	179	....	....	242	61	190	....	....	....	253
Union	107	181	292	93	164	....	....	258	139	194	....	....	....	333
Washington	59	141	193	57	136	....	....	193	74	143	....	....	....	310
White Oak	86	118	205	111	136	....	....	246	122	136	....	....	....	259
Totals	3021	3056	6134	3191	3538	....	7	6556	3549	3444	12	3	....	7042

HOCKING COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Benton	82	186	271	91	147	28	....	269	121	227	....	....	....	349
Falls	354	444	815											
Falls Precinct	.....	.....	.....	311	352	40	....	738	372	410	....	17	....	798
Gore "	.....	.....	.....	103	105	5	....	214	127	113	....	3	....	237
Green	146	131	282	161	138	49	....	350	202	192	....	....	....	404
Good Hope	50	128	178	54	131	4	....	190	64	147	....	10	....	222
Laurel	70	164	245	61	131	42	....	238	78	176	....	20	....	274
Marion	50	172	223	48	154	9	....	210	61	192	....	7	....	263
Perry	87	193	249	89	181	7	....	281	128	256	....	4	....	390
Salt Creek	42	149	191	58	150	1	....	210	71	193	....	....	....	265
Starr	115	83	201	153	74	16	....	247	158	105	....	1	....	267
Ward	63	98	144	88	118	61	....	267	160	204	....	25	....	390
Washington	106	128	235	118	139	10	....	267	122	157	....	....	....	281
Totals	1165	1876	3064	1355	1820	272	....	3481	1667	2371	....	99	....	3140

HOLMES COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Berlin	57	123	182	53	104	....	....	157	72	151	....	....	....	228
German	14	198	221	16	138	....	2	156	29	234	3	....	....	266
Hardy	185	495	685	173	425	14	....	614	233	512	....	....	....	748
Killbuck	65	222	288	53	198	2	....	253	67	234	....	....	....	303
Knox	49	132	181	42	133	....	....	170	60	152	....	....	....	213
Mechanic	69	178	248	57	142	....	....	199	77	202	....	....	....	283
Monroe	82	130	212	71	122	....	....	193	93	156	....	....	....	249
Paint	40	191	233	31	193	1	....	226	56	246	....	....	....	301
Prairie	102	219	326	49	187	....	....	287	126	226	3	....	....	355
Richland	51	206	258	51	192	....	....	243	70	266	1	....	....	339
Ripley	112	161	273	104	143	....	....	248	150	155	15	....	....	320
Salt Creek	76	210	287	83	172	....	....	255	104	233	....	....	....	338
Walnut Creek	10	165	175	6	138	....	....	144	11	209	....	....	....	221
Washington	88	150	238	65	117	....	....	185	117	191	....	....	....	312
Totals	1000	2780	3807	904	2404	17	2	3330	1266	3167	22	....	....	4476

HURON COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Bronson	131	85	225	146	35	81	1	263	152	103	3	16	....	274
Bellevue Precinct	111	137	253	137	68	85	....	290	146	187	1	....	....	338
Chicago Junction	....	....	....	....	....	....	....	....	59	91	....	....	....	150
Clarksfield	149	54	217	136	29	107	15	286	174	63	18	16	....	275
Fairfield	230	68	303	214	60	39	1	315	239	88	7	2	....	342
Fitchville	134	36	176	131	30	32	3	196	159	49	6	12	....	222
Greenfield	112	81	195	117	98	77	1	224	128	97	1	7	....	234
Greenwich	135	84	245	163	52	67	15	297	216	97	10	....	....	325
Hartland	145	38	194	141	24	67	2	234	190	60	6	....	....	257
Lyme	94	97	191	90	44	80	....	214	118	123	....	....	....	241
New London	270	105	394	250	64	77	8	399	336	117	9	15	....	479
New Haven	85	134	235	105	131	39	....	275	70	88	2	....	....	160
Norwalk	627	533	1344	678	205	623	22	1533	857	753	43	5	....	1641
Norwich	115	111	234	122	88	15	7	232	145	127	10	....	....	282
Peru	65	140	211	81	126	27	1	235	98	181	....	....	....	282
Plymouth Precinct	62	45	107	56	40	7	1	104	79	55	....	....	....	136
Richmond	82	68	157	85	60	22	....	168	118	90	4	....	....	212
Ridgefield	221	254	488	237	167	68	2	477	268	290	....	5	....	566
Ripley	153	49	212	163	38	16	4	223	196	60	12	....	....	270
Sherman	30	147	179	27	128	48	....	204	33	205	....	....	....	238
Townsend	158	78	262	158	48	103	24	336	214	130	26	5	....	375
Wakeman	165	110	305	129	49	134	29	344	154	149	21	2	....	330
Totals	3274	2454	6127	3366	1514	1814	136	6849	4149	3203	179	75	....	7649

JACKSON COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Bloomfield	161	115	280	202	126	...	4	332	193	115	3	1	....	317
Franklin	150	112	263	180	111	....	....	295	184	118	....	....	..	302
Hamilton	74	42	116	86	45	2	..	133	95	41	....	....	....	136
Jackson	121	160	282	153	176	...	2	331	147	146	3	....	....	328
Jefferson	288	114	411	331	110	....	....	441	338	118	....	....	....	459
Lick—														
First Precinct	212	196	416	238	214	4	2	458	257	212	1	3	....	474
Second	205	245	458	205	247	16	1	471	244	303	2	6	....	531
Liberty	130	182	317	140	203	1	....	344	160	199	....	4	....	364
Madison	238	84	326	309	99	10	....	418	307	85	....	1	....	393
Milton	....	....	....	....	....	....	....	....	....	....	....	....	....	....
First Precinct	147	205	370	179	189	..	21	389	192	228	8	....	....	431
Second Precinct	81	109	194	100	161	8	3	272	101	113	1	....	....	215
Scioto	80	168	254	76	200	19	....	295	90	185	....	....	....	289
Washington	116	113	235	111	130	6	1	248	116	129	2	1	....	248
Totals	2003	1845	3921	2294	2011	66	34	4407	2424	2022	20	16	....	4487

JEFFERSON COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	ilton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Brush Creek	74	66	140	76	58	..	..	134	84	62	....	....	....	146
Cross Creek	112	114	227	99	97	7	....	204	92	97	....	....	....	189
Irondale Precinct	40	13	57	35	7	2	....	44	47	13	1	....	....	61
Island Creek	102	108	212	116	78	7	..	201	150	116	....	1	....	270
Knox	95	103	200	106	89	2	..	197	112	111	....	....	....	223
La Grange Precinct	56	53	125	40	55	14	4	113	58	65	4	....	....	127
Mount Pleasant	213	65	313	245	74	....	28	350	287	78	8	..	....	376
Mingo Precinct	32	46	141	19	27	49	....	96	42	88	....	6	....	136
Richmond Precinct	114	89	203	117	94	....	1	213	127	97	....	....	....	224
Ross	82	55	141	90	51	3	....	145	91	67	....	....	....	158
Salem	67	120	187	58	106	3	....	167	73	140	....	....	....	213
Saline	69	60	142	82	54	5	....	140	107	67	....	....	....	175
Shanghai Precinct	61	17	83	57	14	5	....	76	61	20	....	....	....	82
Sloan's Station Precinct	76	92	172	98	107	5	....	210	110	118	....	....	....	228
Smithfield	175	73	268	194	73	....	15	283	210	78	....	....	....	296
Springfield	86	82	168	83	83	1	....	167	106	82	....	2	....	190
Steubenville	....	....	....	....	....	....	....	....	....	....	....	....	....	....
First Ward	183	123	346	191	107	50	....	347	246	152	....	8	....	406
Second "	311	163	534	304	109	105	....	525	373	206	2	43	....	604
Third "	251	175	439	240	138	31	....	410	270	214	1	2	....	487
Fourth "	187	176	364	189	145	28	..	363	235	192	....	1	....	430
Fifth "	100	120	225	93	112	33	....	239	118	136	....	....	....	254
Sixth "	50	67	208	39	38	140	....	218	112	112	2	10	....	236
Steubenville Township	20	30	53	18	19	10	....	49	21	41	....	3	....	65
Unionport Precinct	67	18	86	69	22	..	....	91	87	31	....	....	....	118
Warren	113	158	279	124	127	21	....	272	180	200	....	....	....	381
Wayne	154	116	273	168	116	1	1	286	188	113	....	....	....	302
Wells	49	96	145	54	80	1	....	135	77	95	....	....	....	172
Wintersville Precinct	148	41	191	150	31	2	....	187	214	78	....	....	..	294
York	89	45	136	100	43	..	..	143	110	46	..	....	....	156
Totals	3178	2464	6058	3254	2156	525	49	6005	3988	2915	18	76	....	6999

KNOX COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Berlin	89	101	200	104	107	5	3	219	117	113	2	....	....	232
Brown	66	127	207	72	147	2	6	227	99	170	1	....	....	272
Butler	46	92	144	36	104	24	2	166	58	114	14	2	....	188
Clay	110	113	238	99	114	14	12	240	103	134	9	1	....	249
Clinton	92	138	235	70	130	41	6	247	113	138	4	5	....	260
College	97	67	166	103	72	4	....	179	123	81	....	....	....	206
Harrison	21	149	170	20	143	2	2	169	28	149	....	....	....	178
Hilliard	114	128	255	111	129	24	7	275	161	147	4	....	....	313
Howard	102	117	227	110	126	2	1	240	124	134	....	....	....	259
Jackson	36	126	170	38	140	21	4	205	53	159	1	1	....	213
Jefferson	90	91	186	79	106	3	14	203	99	101	11	....	....	212
Liberty	72	144	224	61	132	36	9	238	101	159	3	2	....	266
Middlebury	105	67	200	112	67	24	5	208	150	84	5	....	....	240
Milford	105	98	210	91	102	10	5	208	109	120	1	....	....	230
Miller	103	79	186	96	78	13	2	190	126	83	1	3	....	213
Monroe	82	149	235	77	145	11	2	235	100	147	....	....	....	247
Morgan	68	89	157	71	87	1	....	160	76	98	....	....	....	174
Morris	84	86	197	79	87	13	33	214	109	100	22	2	....	234
Pike	55	203	266	49	196	10	23	279	79	223	11	....	....	315
Pleasant	86	127	214	69	116	15	1	201	102	136	....	1	....	239
Union	155	183	355	156	204	25	18	404	192	215	13	....	....	421
Wayne	221	156	387	215	163	27	6	412	258	176	2	1	....	437
Mt. Vernon—														
First Ward	115	110	240	124	102	21	4	252	153	92	2	2	....	257
Second "	60	80	160	53	73	51	3	180	86	80	2	6	....	176
Third "	118	69	208	118	55	42	5	220	146	77	2	4	....	232
Fourth "	96	63	196	102	48	53	8	212	155	78	3	5	....	241
Fifth "	200	111	379	178	99	107	8	393	262	128	6	16	....	412
Totals	2588	3063	6031	2493	3072	601	189	6376	3282	3436	119	51	....	6913

LAKE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas. Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Concord	108	30	154	107	26	41	....	175	114	31	1	28	....	176
Kirtland	153	66	225	149	50	32	....	234	180	56	7	9	....	254
Leroy	112	60	174	118	45	13	....	176	144	62	....	1	....	207
Madison	466	144	619	485	149	2	....	639	562	146	....	5	....	713
Mentor	248	67	320	250	65	64	....	379	323	92	....	13	....	429
Painesville	576	347	953	540	438	140	....	1122	711	405	5	44	....	1171
Perry	218	52	282	236	49	23	....	308	257	75	....	12	....	345
Willoughby	278	140	429	287	136	41	2	468	370	216	....	7	....	596
Totals	2159	906	3156	2172	958	356	2	3501	2661	1085	13	119	....	3891

LAWRENCE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Saunders Piatt.	Scattering.	Total vote.
Aid	143	59	207	162	48	11	3	225	218	71	1	1	....	291
Decatur	52	150	225	96	165	22	1	284	106	176	....	8	....	290
Elizabeth	98	289	585	151	282	167	2	620	201	313	....	114	....	630
Fayette	194	120	320	231	141	1	....	373	280	148	....	....	....	429
Hamilton	83	82	201	101	68	25	9	203	113	99	4	11	....	216
Lawrence	148	69	228	177	74	8	1	262	221	90	....	....	....	311
Mason	124	178	366	127	168	10	....	305	170	226	....	....	....	396
Perry	139	149	326	201	154	12	1	374	229	172	....	7	....	411
Rome	144	204	354	165	187	13	2	370	226	276	1	....	....	504
Symmes	91	81	180	110	89	1	....	200	125	101	....	....	....	229
Union	167	39	291	242	54	85	4	384	350	117	1	3	....	471
Upper	199	165	376	274	174	3	....	450	258	174	....	5	....	437
Washington	89	85	172	122	64	2	....	189	159	83	....	3	....	245
Windsor	170	126	307	186	106	6	1	300	228	149	1	....	....	378
Ironton—														
First Ward	168	123	300	200	108	7	....	316	208	120	....	....	....	328
Second "	136	145	290	151	133	2	....	287	173	154	....	....	....	327
Third "	191	102	305	219	79	....	5	304	235	86	3	....	....	313
Fourth "	179	75	264	192	76	2	3	273	217	69	1	....	....	288
Fifth "	144	166	314	171	144	5	....	321	213	170	1	....	....	388
Totals	2650	2417	5571	3282	2312	382	32	6010	3939	2794	11	154	....	6882

LICKING COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Saunders Piatt.	Scattering.	Total vote.
Bennington	56	116	179	35	119	33	4	194	75	136	4	....	....	215
Bowling Green	64	158	225	73	152	8	....	244	77	161	....	....	....	238
Burlington	83	105	200	95	112	3	1	211	127	124	4	....	....	255
Edeu	27	115	144	18	129	2	4	154	32	139	....	....	....	171
Etna	55	149	210	64	168	....	....	235	81	193	....	....	....	274
Fallsbury	69	108	178	77	102	3	....	182	87	123	....	1	....	211
Franklin	21	152	178	21	150	11	....	182	36	172	....	3	....	212
Granville	286	167	469	331	141	29	..	501	367	153	..	....	....	520
Hanover	96	135	248	88	142	27	....	257	128	161	....	2	....	291
Hartford	94	144	238	109	135	5	....	253	129	173	....	1	....	303
Harrison	165	101	266	176	121	....	2	300	216	129	....	....	....	345
Hopewell	45	159	207	34	141	22	....	198	52	182	....	....	....	235
Jersey	118	134	259	130	142	9	....	283	161	150	1	7	....	315
Liberty	80	87	171	74	88	17	....	180	107	105	....	....	....	212
Licking	45	214	261	42	206	15	4	267	54	247	....	....	....	312
Lima	181	200	399	196	199	4	1	400	207	229	8	3	....	447
Madison	63	149	214	63	117	13	....	193	97	143	....	2	....	242
Mary Ann	39	133	171	52	123	....	....	176	62	150	....	....	....	212
McKean	77	134	212	60	103	30	....	193	96	145	....	1	....	248
Monroe	91	136	230	60	124	22	....	206	107	176	....	1	....	284
Newark	80	142	232	78	136	14	1	230	113	140	....	3	....	256
Newark—														
First Ward	192	200	402	209	200	109	2	594	277	247	....	18	....	542
Second "	79	281	489	87	291	132	....	515	181	344	....	24	....	549
Third "	98	241	470	84	257	144	1	490	135	340	5	28	....	508
Fourth "	214	207	523	216	215	108	3	542	292	219	....	....	....	521
Newton	81	210	312	81	185	5	14	287	116	221	5	..	....	342
Perry	84	116	200	83	113	8	....	204	114	153	....	1	....	248
St. Albans	142	125	268	153	135	3	4	295	165	131	....	1	....	297
Union	110	263	374	114	273	12	....	402						
North Precinct									51	81	....	....	....	142
South "									101	201	....	....	....	312
Washington	147	140	310	158	140	19	22	338	191	161	13	1	....	366
Totals	2982	4719	8336	3061	4650	807	63	8615	4043	5413	43	99	....	9594

LOGAN COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Bloomfield	53	79	138	41	81	5	1	128	79	117	....	4	....	200
Bokes Creek	203	80	294	209	78	..	1	291	269	97	....	....	....	366
Harrison	83	93	183	98	82	..	..	186	127	94	....	....	....	220
Jefferson	189	161	403	181	174	....	5	361	217	168	4	....	....	390
Lake	463	385	889	....	....	....	....	....	....	....	....	....	....	....
North Precinct	.....	.....	.....	275	159	..	20	454	323	156	18	7	....	506
South "	.....	.....	.....	229	245	1	12	476	268	242	8	....	....	521
Liberty	212	117	336	167	115	....	3	288	213	132	4	3	....	383
McArthur	153	92	268	187	94	....	15	295	209	126	14	....	....	349
Miami—														
DeGraff Precinct	138	85	233	140	89	7	9	246	178	98	5	7	....	287
Quincy	116	76	200	102	53	18	4	179	131	81	5	4	....	226
Monroe	149	89	245	156	60	2	3	221	206	65	2	23	....	296
Perry	154	54	211	168	54	....	2	224	191	60	1	....	....	252
Pleasant	67	129	203	70	140	7	....	218	100	144	....	5	....	249
Richland	170	119	288	160	104	1	9	276	190	116	2	....	....	308
Rush Creek	231	187	431	251	182	....	....	433	292	194	....	....	....	486
Stokes	54	128	187	62	121	....	....	187	85	135	....	....	....	222
Union	69	39	115	69	36	....	4	109	94	40	6	....	..	140
Washington	77	78	155	71	86	1	4	161	105	94	....	....	....	199
Zane	136	64	209	125	43	....	7	178	163	69	9	....	....	241
Totals	2717	2045	4988	2761	1989	42	99	4914	3472	2228	78	53	....	5842

LORAIN COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt	Scattering.	
Amherst	155	228	423	181	234	66	....	482	259	317	....	27	...	605
Avon	141	178	321	153	185	..	..	338	183	249	....	....	....	432
Black River	152	96	250	201	35	110	....	348	240	122	....	3	....	366
Brighton	112	25	137	99	24	3	10	136	121	27	5	....	....	153
Brownheim	105	92	202	122	93	35	....	250	143	133	....	7	....	286
Camden	125	79	207	145	67	9	....	223	155	83	8	....	....	246
Carlisle	97	143	242	102	122	27	1	253	123	155	2	4	....	283
Columbia	141	52	194	146	38	5	....	189	169	49	....	1	....	220
Eaton	172	52	225	181	53	3	....	238	208	69	....	1	....	277
Elyria	593	270	865	729	224	73	3	1034	831	330	....	7	....	1169
Grafton	107	65	175	140	83	7	....	211	163	105	1	3	....	274
Henrietta	113	68	184	112	69	..	1	183	122	79	5	....	....	205
Huntington	138	60	199	141	56	3	....	200	160	59	....	....	....	221
LaGrange	158	139	303	184	138	10	..	333	199	145	....	....	....	345
Penfield	135	46	180	130	49	7	3	189	154	59	....	....	....	214
Pittsfield	151	75	227	178	74	7	1	240	161	85	....	1	....	247
Ridgeville	132	125	258	162	115	4	....	282	189	149	....	....	....	338
Rochester	137	55	192	138	55	3	1	198	151	67	....	....	....	218
Russia	574	149	795	709	128	89	31	961	758	153	19	41	....	986
Sheffield	93	31	129	98	67	1	....	166	118	87	....	1	....	207
Wellington	355	134	495	367	109	23	48	551	451	134	6	1	....	593
Totals	3886	2162	6223	4398	2018	485	99	7027	5058	2656	46	97	....	7885

LUCAS COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Bwing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Toledo—														
First Ward—A	68	29	244	93	32	127	....	254	157	89	....	38	....	286
" B	95	61	359	130	75	180	1	385	211	146	....	65	..	429
" C	81	63	271	96	69	122	1	288	146	127	....	47	....	321
Second Ward—A	91	70	212	129	86	100	1	315	159	129	....	24	....	313
" B	51	82	289	84	112	143	....	330	168	180	....	22	....	371
" C	81	47	249	80	57	128	....	266	145	107	....	26	....	281
Third Ward— A	163	130	378	209	135	77	....	429	248	175	....	14	....	441
" B	143	118	340	198	118	87	....	404	244	184	....	10	....	139
" C	104	77	245	162	56	63	....	283	213	106	....	9	....	333
Fourth Ward—A	76	147	363	125	208	98	....	434	155	251	....	35	....	441
" B	21	34	257	47	69	141	1	259	102	92	....	89	....	285
" C	32	106	210	34	154	69	1	257	66	181	....	41	....	289
Fifth Ward—A	82	163	488	97	199	203	1	501	150	282	....	88	....	523
" B	60	186	532	52	260	238	....	552	135	330	....	152	....	620
" C	21	45	341	39	77	259	....	376	95	118	....	200	....	419
Sixth Ward—A	58	122	347	77	157	135	....	368	114	236	....	26	....	377
" B	39	70	221	51	76	97	....	223	106	131	....	28	....	268
Seventh Ward—A	34	69	281	57	109	113	....	279	123	153	....	43	....	321
" B	122	136	505	188	184	196	3	574	251	299	....	48	....	602
" C	116	55	230	176	40	50	....	268	185	80	....	10	....	277
Eighth Ward—A	69	165	376	91	222	122	....	436	138	265	....	47	....	450
" B	9	27	190	14	22	164	....	200	87	50	....	124	....	264
" C	69	142	362	66	115	183	....	374	170	207	....	53	....	445
South Toledo—											....			
First Ward	56	75	175	64	65	37	....	166	84	88	....	18	....	191
Second Ward	27	63	123	30	57	30	....	119	49	55	....	24	....	128
Third Ward	8	40	61	12	26	17	....	55	9	41	....	8	....	58
Adams	61	72	180	61	80	74	....	215	88	114	....	30	....	234
Monclova	111	78	195	78	55	57	....	190	119	74	....	19	....	212
Oregon	100	86	254	115	81	153	....	350	169	100	....	77	....	347
Providence	71	87	187	42	72	68	....	182	124	118	....	11	....	254
Richfield	106	73	188	91	72	28	....	191	136	90	....	9	....	235
Spencer	24	40	125	19	34	64	....	117	50	67	....	20	....	140
Springfield	68	63	173	48	39	58	....	146	82	68	....	17	....	168
Swanton	42	25	68	41	15	34	....	90	83	36	....	7	....	127
Sylvania	120	64	243	118	72	42	....	232	180	72	....	11	....	271
Washington—														
First Precinct	78	40	267	146	34	127	2	310	235	119	....	19	....	376
Second "	30	17	70	39	21	18	....	78	41	42	....	9	....	87
Waterville	45	59	100	44	73	47	....	164	.....	.....	.....	.....	.....	.....
Stuteaville Precinct	.....	.....	.....	.....	.....	.....	.....	.....	56	105	....	18	....	181
Whitehouse "	.....	.....	.....	.....	.....	.....	.....	.....	54	111	....	7	....	170
Waynesfield Town'p	.....	.....	.....	.....	.....	.....	.....	.....	25	27	....	7	....	59
Totals	2671	3155	9957	3294	3521	3993	11	10860	5152	5845	..	1550	....	12033

MADISON COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Canaan	111	77	189	101	80	12	4	197	142	79	10	2	....	233
Darby	125	115	245	140	111	1	5	260	168	110	5	4	....	288
Deer Creek	76	115	191	76	130	2	3	212	86	137	6	....	....	229
Fairfield	170	132	304	163	139	2	5	311	232	165	....	....	....	399
Jefferson	266	236	506	219	217	....	34	488	286	266	2	12	....	566
Monroe	71	64	134	69	41	....	3	115	83	73	....	....	....	160
Oak Run	44	77	122	40	85	....	....	125	54	95	....	....	....	151
Paint	166	145	316	154	139	1	9	304	196	156	1	....	....	353
Pike	68	40	108	68	44	....	1	112	88	60	....	....	....	148
Pleasant	184	152	337	153	137	....	3	293	193	161	2	....	....	355
Range	131	276	408	116	278	3	....	398	149	316	....	2	....	467
Stokes	89	154	250	98	155	1	10	264	117	176	10	....	....	304
Summerford	136	84	224	136	94	3	13	246	169	92	....	7	....	268
Union	528	461	991	539	485	3	18	1040	590	505	6	....	....	1112
Totals	2165	2127	4324	2093	2151	28	108	4365	2553	2491	42	27	....	5033

MAHONING COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering	Total vote.
Austintown	185	206	436	177	183	101	....	462	210	266	2	18	....	527
Beaver	153	247	417	177	234	31	....	448	....	....	....	....	....	....
East	....	....	....	....	....	....	....	....	106	195	....	6	....	289
West	....	....	....	....	....	....	....	....	92	102	....	....	....	194
Berlin	112	92	210	106	86	19	....	211	114	101	....	14	....	228
Boardman	80	89	176	102	81	10	....	194	128	89	....	5	....	222
Canfield	150	181	334	161	180	20	....	363	176	196	....	....	....	372
Coitsville	95	76	234	115	74	56	....	245	144	109	....	14	....	267
Ellsworth	86	82	168	92	81	....	....	173	109	95	....	1	....	203
Goshen	224	65	304	239	62	10	....	311	273	84	10	5	....	372
Green	185	194	427	185	177	48	....	410	131	199	....	9	....	320
1st Precinct	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2d "	....	....	....	....	....	....	....	....	70	45	....	10	....	127
Jackson	113	140	254	115	139	11	....	256	115	149	....	....	....	265
Milton	54	121	177	60	110	....	....	170	61	135	....	1	....	197
Poland—														
1st Precinct	143	59	247	154	35	37	....	228	181	93	....	14	....	288
2d "	128	54	213	151	56	23	....	232	168	68	....	6	....	242
Smith	182	62	307	228	40	72	....	342	....	....	....	....	....	....
1st Precinct	....	....	....	....	....	....	....	....	251	64	3	24	....	348
2d "	....	....	....	....	....	....	....	....	31	31	....	8	....	70
Springfield	115	339	481	132	351	7	....	492	165	428	....	....	....	594
Youngstown	200	199	686	302	209	242	....	516	395	385	....	22	....	839
Youngstown City—														
1st Ward	255	160	640	372	157	146	....	686	429	301	....	12	....	743
2d "	168	206	598	242	186	177	....	610	305	349	1	26	....	673
3d "	107	110	384	170	104	109	....	381	204	204	....	18	....	429
4th "	119	76	219	148	61	35	....	246	160	103	....	5	....	268
5th "	93	82	242	134	79	30	....	245	133	134	....	1	....	268
Totals	2947	2820	7163	3562	2684	1184	....	7223	4179	3853	16	219	....	8316

MARION COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Big Island	98	100	201	119	101	...	1	222	156	138	1	....	....	296
Bowling Green	36	106	206	43	157	...	3	203	62	210	4	....	1	277
Claridon—														
North Precinct	90	118	219	86	131	15	10	242	119	161	2	9	....	291
South "	70	70	142	79	61	...	1	143	84	78	2	....	....	164
Grand	53	42	95	59	31	...	..	90	56	57	3	....	....	117
Grand Prairie	37	48	85	43	48	1	....	92	47	67	....	....	....	114
Green Camp	109	141	252	129	135	..	..	264	153	158	2	....	....	313
Marion	454	546	1052	502	554	1	17	1080	525	681	8	2	....	1222
Montgomery—														
East Precinct	72	79	159	82	77	...	5	164	90	98	7	....	....	196
West Precinct	108	102	216	127	106	....	6	241	132	126	8	....	....	266
Pleasant	96	110	208	105	128	...	1	234	132	137	1	....	....	271
Prospect	108	195	303	146	189	..	1	337	165	231	1	....	....	397
Richland	30	192	222	39	185	...	..	224	50	217	....	....	....	269
Salt Rock	55	26	85	70	35	..	1	106	80	52	....	3	....	136
Scott	12	86	98	22	35	43	..	101	27	75	....	27	..	128
Tully	59	98	157	60	103	1	..	165	72	125	....	....	....	198
Waldo	47	133	182	59	121	..	....	180	82	166	....	....	....	248
Totals	1534	2252	3882	1770	2196	61	46	4088	2032	2777	39	41	1	4903

MEDINA COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Brunswick	163	70	235	156	59	1	9	225	173	69	2	....	....	244
Chatham	139	61	217	164	55	....	6	223	171	76	8	....	....	255
Granger	171	41	212	166	43	....	....	210	189	53	....	....	....	243
Guilford	116	113	229	127	106	....	....	234	147	137	....	....	....	284
Harrisville	179	147	330	153	141	....	2	297	203	162	....	2	....	366
Hinckley	188	45	233	184	36	....	5	227	226	47	1	....	....	275
Homer	56	144	201	55	138	....	....	195	67	151	....	....	....	220
Lafayette	160	105	267	165	98	....	1	265	186	109	....	....	....	296
Litchfield	126	77	203	135	70	....	....	206	161	64	....	....	....	225
Liverpool	50	160	212	65	117	28	2	215	80	180	....	....	....	262
Medina	127	62	189	129	55	1	4	189	138	69	....	....	....	209
Medina Village	234	60	304	262	73	6	5	346	281	72	2	1	....	356
Montville	106	87	197	92	87	....	2	181	111	98	5	....	....	216
Sharon	105	165	271	105	140	....	5	252	131	186	....	....	....	318
Spencer	92	118	215	101	124	....	1	228	129	132	....	....	....	262
Seville Village	58	87	145	65	84	....	2	151	80	82	1	....	....	164
Wadsworth	234	204	471	240	178	34	2	458	325	239	1	....	....	567
Westfield	101	119	221	96	110	....	3	211	129	143	2	....	....	275
York	143	69	217	152	67	1	....	226	180	68	....	....	....	248
Totals	2548	1933	4569	2609	1781	71	49	4539	3107	2137	22	3	....	5285

MEIGS COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Bedford	107	172	284	151	154	26	7	338	175	210	1	....	....	386
Chester	151	136	296	207	135	4	3	350	222	152	2	....	....	377
Columbia	99	119	225	114	126	4	4	250	121	120	....	....	....	242
Harrisonville	71	90	169	82	84	16	5	187	92	91	....	....	....	184
Lebanon	153	90	262	185	96	68	..	350	234	151	....	..	....	386
Letart	81	90	172	117	128	2	2	249	135	151	....	....	....	286
Middleport Precinct	42	17	104	64	32	21	....	116	74	51	3	....	....	128
Middleport—														
1st Ward	83	38	148	105	44	16	....	165	107	68	....	1	....	176
2d "	120	31	164	144	28	3	2	177	141	40	1	....	....	183
3d "	118	43	175	130	32	3	2	167	130	36	1	....	....	167
4th "	57	16	89	62	13	6	2	82	59	30	1	....	..	91
5th "	36	9	52	44	14	....	....	58	42	14	....	....	....	56
Minersville Precinct	106	72	199	166	68	..	....	235	164	89	....	....	....	253
Olive	124	102	229	127	134	9	....	273	241	194	....	2	....	439
Orange	94	86	182	108	97	....	3	209	105	124	....	....	....	230
Pomeroy Precinct	104	83	235	166	155	3	....	325	187	190	....	....	....	378
Pomeroy—														
1st Ward	112	40	168	139	45	....	..	188	140	46	....	....	....	188
2d "	68	111	207	94	112	....	1	203	79	113	....	..	....	192
3d "	211	179	437	294	207	5	2	512	299	213	1	....	....	513
4th "	49	83	169	72	90	12	....	175	70	105	....	1	....	177
Pageville Precinct	93	55	175	75	50	33	31	189	121	65	13	....	....	198
Rutland	390	117	514	420	121	2	19	560	470	111	4	....	....	585
Racine Precinct	130	136	271	182	161	....	....	346	196	152	....	....	....	348
Salem	210	133	354	216	143	..	13	372	232	146	12	....	....	390
Syracuse Precinct	135	119	285	174	143	2	3	319	185	155	..	....	....	341
Silver Run "	42	11	54	44	13	1	....	58	46	14	....	....	....	60
Totals	2985	2178	5616	3678	2445	236	99	6453	4067	2831	39	4	....	6954

MERCER COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Black Creek	30	107	137	43	116	....	....	160	51	147	....	....	....	199
Butler	46	126	177	55	172	....	....	241	70	169	....	....	....	239
Center	103	130	233	117	136	....	....	253	136	168	....	3	....	307
Dublin	78	170	249	115	179	....	....	296	144	245	....	..	....	389
Franklin	20	76	96	28	73	5	..	106	31	130	....	11	....	172
Gibson	57	107	164	68	142	....	....	211	105	176	....	....	....	281
Granville	24	157	183	27	216	....	....	244	50	232	....	....	....	282
Hopewell	28	111	139	36	105	....	....	143	46	148	....	....	....	194
Jefferson	83	285	368	93	338	....	....	431	125	340	....	....	....	466
Liberty	18	78	98	19	80	....	....	99	27	140	....	....	....	169
Marion	27	196	224	38	240	..	....	281	45	297	....	....	....	345
Recovery	24	135	160	40	144	....	....	184	33	186	....	....	....	220
Union	134	86	243	133	93	....	....	287	200	110	....	17	....	328
Washington	36	112	148	48	148	....	....	203	55	168	....	....	....	223
Totals	708	1876	2669	860	2182	5	....	3129	1118	2646	....	31	....	3805

MIAMI COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bethel	133	179	314	171	183	...	..	294	196	208	...	....	....	404
Brown	131	225	364	141	249	...	18	409	166	295	1	2	....	467
Concord—														
1st Precinct	357	184	554	378	178	27	3	587	412	180	3	48	....	642
2d "	310	234	552	322	220	15	3	561	346	220	1	39	....	602
Elizabeth	116	132	249	130	104	...	7	241	153	130	...	3	....	327
Lost Creek	189	150	341	199	135	...	...	334	227	165	....	....	....	392
Monroe	312	229	541	353	222	1	...	576	402	257	...	..	....	660
Newton	271	154	429	285	115	..	7	389	389	201	7	1	....	601
Newberry—														
East Precinct	271	285	559	243	233	2	24	514	357	311	12	....	....	680
West "	92	130	214	69	122	...	4	195	131	179	1	....	....	311
Spring Creek	139	202	343	145	214	3	...	365	167	228	...	..	....	395
Stanton	166	117	283	179	112	7	...	209	209	133	....	5	....	349
Union	453	167	626	570	151	...	8	695	647	171	2	1	....	819
Washington	107	87	215	97	80	14	....	194	136	107	...	8	....	257
Piqua—														
1st Ward	72	101	185	97	92	3	2	194	121	122	....	....	....	242
2d "	71	249	339	99	252	1	2	356	128	308	1	...	...	437
3d "	171	116	302	210	98	11	5	324	214	107	6	2	...	330
4th "	212	84	3.8	226	84	3	...	312	238	94	1	1	..	335
Totals	3564	3015	6718	3814	2834	87	93	6850	4639	3416	35	110	....	8250

MONROE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Adams	36	158	194	41	179	...	....	225	38	200	....	21	..	259
Benton	30	100	131	25	96	...	....	126	38	97	..	16	..	152
Bethel	65	101	171	73	101	...	....	174	56	111	...	58	...	225
Centre	110	386	499	111	380	6	....	499	98	361	....	91	....	553
Franklin	104	111	216	102	83	31	....	218	127	100	....	33	....	260
Green	29	161	192	21	161	...	....	182	21	187	....	32	....	241
Jackson	12	116	128	20	122	...	....	142	41	171	....	7	....	219
Lee	39	130	169	39	143	...	....	187	43	172	....	3	....	218
Malaga	87	198	286	86	177	1	....	266	106	220	....	....	....	327
Ohio	116	140	258	89	129	...	....	215	128	186	....	....	....	314
Perry	78	123	202	74	125	...	....	200	80	106	1	32	....	210
Salem	115	212	327	134	230	...	....	367	175	247	....	7	....	430
Seneca	55	191	246	51	185	5	3	245	65	199	1	....	....	265
Summit	30	149	187	38	133	1	...	172	34	151	...	14	....	200
Sunbury	72	217	289	78	214	...	....	292	77	208	..	13	....	358
Switzerland	30	112	142	33	162	...	....	195	51	158	....	....	....	210
Washington	56	180	246	34	181	39	....	256	35	103	....	197	....	338
Wayne	28	142	170	35	146	3	....	187	30	75	....	104	....	210
Totals	1092	2927	4053	1084	2947	86	3	4148	1243	3112	2	618	....	4989

MONTGOMERY COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Dayton—														
1st Ward	206	304	564	364	246	4	5	620	433	248	4	3	....	689
2d "	325	211	563	372	112	4	2	491	398	116	2	....	....	517
3d "	....	....	....	413	193	11	4	621	412	222	1	7	....	643
" A	213	124	342	....	....	....	....	....	....	....	....	....	....	.....
" B	199	88	296	....	....	....	....	....	....	....	....	....	....	.....
4th "	292	166	483	103	334	3	....	441	....	....	....	....	....	.....
5th "	....	....	....	260	321	6	..	587	120	343	1	4	....	470
" A	211	146	371	....	....	..	....	....	....	....	..	....	....	.....
" B	100	148	268	....	....	....	....	....	....	....	....	....	....	.....
6th "	....	....	....	212	309	10	4	535	295	356	1	2	....	654
" A	160	186	392	....	....	..	....	....	....	....	....	....	....	.....
" B	207	196	461	....	....	....	....	....	....	....	....	....	....	.....
7th "	....	....	....	247	318	23	3	593	255	322	4	7	....	588
" A	74	224	316	....	....	..	....	....	....	....	....	....	....	.....
" B	75	200	295	....	....	....	....	....	....	....	....	....	....	.....
" C	51	136	214	....	....	....	....	....	....	....	....	....	....	.....
8th "	....	....	....	291	231	18	2	543	301	304	2	10	....	619
" A	106	144	261	....	....	....	....	....	....	....	....	....	....	.....
" B	94	320	433	....	....	..	....	....	....	....	....	....	....	.....
" C	60	144	215	....	....	....	....	....	....	....	....	....	....	.....
9th "	225	192	455	270	350	17	1	639	363	246	1	7	....	621
10th "	104	95	214	142	171	1	2	315	284	347	..	9	....	640
11th "	....	....	....	335	237	7	13	613	164	180	1	2	....	348
" A	154	211	422	....	....	..	....	....	....	....	....	....	....	.....
" B	104	184	340	....	....	....	....	....	....	....	....	....	....	.....
12th "	.....	.....	.....	161	268	10	1	440	441	289	12	2	....	744
13th "	.....	.....	.....	120	317	21	3	459	189	296	3	5	....	493
14th "	....	....	....	309	371	29	..	708	168	364	2	2	....	537
Butler	253	189	461	279	174	12	25	491	324	411	..	17	....	752
Clay	252	315	573	279	335	5	....	620	310	188	31	2	....	531
Brookville Precinct	.....	.....	.....	.....	.....	....	....	.....	186	241	3	....	....	429
Philipsburg "	....	....	....	....	....	....	....	....	135	149	..	....	....	287
German	346	423	782	359	403	24	10	798	386	432	19	2	....	844
Harrison	167	237	418	195	243	3	6	449	243	324	2	3	....	571
Jackson	140	358	505	141	344	6	29	520	171	375	31	..	....	579
Jefferson	691	926	1654	797	1174	16	....	2000	1088	1135	14	6	....	2269
Madison	113	237	352	148	267	....	....	416	150	291	1	....	....	443
Mad River	159	180	347	169	188	2	....	358	223	216	....	....	....	439
Miami	428	637	1094	472	651	16	4	1144	501	679	9	4	....	1195
Perry	150	234	405	157	226	1	7	391	203	278	6	..	....	489
Randolph	108	238	360	149	259	2	....	410	184	272	2	1	....	458
Van Buren	161	245	415	191	265	2	1	459	180	318	4	..	....	504
Washington	247	149	400	219	132	1	5	388	272	159	6	3	....	441
Wayne	136	143	281	163	133	....	....	296	168	138	3	....	....	309
Totals	6311	7930	14952	7367	8572	254	127	16335	8547	9257	164	98	....	18103

MORGAN COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Bloom	84	94	179	85	103	....	2	190	96	103	2	...	....	201
Bristol	120	194	317	124	199	2	3	329	135	213	1	....	....	350
Center	72	161	234	79	159	..	....	239	90	167	1	....	....	259
Deerfield	87	117	237	97	114	1	3	216	109	121	2	....	....	232
Homer	209	114	326	244	117	....	1	364	253	117	6	...	....	377
Morgan	220	244	474	216	253	....	44	514	250	243	17	....	....	511
Manchester	39	92	151	52	91	24	..	167	57	116	4	....	....	178
Malta	215	118	349	230	117	....	20	367	257	114	20	....	....	391
Marion	295	94	433	293	85	....	40	421	318	100	33	...	....	451
Meigsville	106	149	271	115	150	....	11	277	144	143	9	6	....	304
Penn	181	64	255	163	63	..	16	262	201	56	18	....	....	278
Union	146	159	317	149	170	10	5	323	166	186	5	....	....	357
Windsor	208	252	461	214	268	3	1	488	238	280	....	1	....	521
York	83	141	232	98	152	3	....	253	106	141	....	1	1	250
Totals	2065	1981	4209	2169	2041	43	146	4410	2420	2100	118	8	1	4060

MORROW COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Bennington	130	50	206	153	47	25	...	232	163	53	14	1	....	231
Canaan	88	115	223	85	104	26	9	224	104	127	12	11	....	254
Cardington	249	198	527	302	174	19	52	550	315	175	57	27	....	578
Chester	161	109	273	150	112	2	3	267	163	120	2	1	....	287
Congress	58	187	249	54	184	6	2	239	64	199	1	7	....	272
Franklin	70	158	230	81	154	1	2	239	83	165	....	....	....	248
Gilead	339	203	563	378	217	...	22	620	396	219	24	...	....	640
Harmony	56	117	176	52	110	18	1	182	54	118	1	12	....	186
Lincoln	110	66	187	132	66	4	7	208	146	79	8	1	....	234
North Bloomfield	103	130	238	121	124	6	....	254	131	156	1	....	2	290
Perry	33	192	228	37	146	33	1	217	40	143	....	51	....	235
Peru	90	71	166	86	69	3	23	182	103	88	29	....	....	220
South Bloomfield	125	89	261	143	94	16	46	299	167	102	25	....	....	295
Troy	71	82	154	77	73	3	....	153	74	82	....	....	....	156
Washington	127	75	207	137	74	1	4	216	143	71	8	....	....	217
Westfield	123	113	240	138	107	1	...	256	159	108	1	....	....	269
Totals	1942	1945	4148	2126	1855	164	172	4338	2305	2005	182	112	2	4612

MUSKINGUM COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Foy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Adams	62	98	160	53	81	...	...	134	59	91	9	...	...	159
Blue Rock	139	98	236	139	92	4	...	235	172	99	...	...	...	271
Brush Creek	111	141	253	92	127	35	...	254	119	134	...	13	...	263
Cass	70	97	170	70	99	3	...	171	95	114	1	...	...	212
Clay	81	88	177	91	84	11	...	189	108	104	...	...	...	212
Falls	167	160	338	185	109	7	...	302	218	190	...	3	...	409
Harrison	105	141	251	102	149	2	...	252	135	146	...	...	...	281
Highland	116	56	179	114	115	3	...	164	140	57	3	...	...	200
Hopewell	145	172	302	159	178	30	13	384	181	198	9	1	...	389
Jackson	138	153	303	118	149	20	2	289	164	180	2	...	...	347
Jefferson	140	179	283	137	118	8	...	263	162	137	2	...	...	301
Licking	102	103	216	122	96	7	...	225	131	92	4	...	...	226
Madison	108	82	199	112	69	3	14	189	127	82	9	...	...	230
Meigs	113	184	302	90	182	21	...	293	150	199	...	...	...	351
Monroe	90	89	180	104	100	2	1	206	126	117	1	...	...	244
Muskingum	99	116	220	107	129	2	...	239	111	136	...	...	...	246
Newton	215	234	461	231	217	18	5	470	285	257	3	2	...	546
Perry	48	147	200	48	139	26	...	213	66	167	1	...	...	235
Rich Hill	161	122	288	167	113	9	3	292	194	136	4	...	...	376
Salem	65	112	197	68	90	4	15	177	73	104	20	...	...	197
Salt Creek	102	142	221	115	104	5	2	241	128	123	2	2	...	258
Springfield	78	145	233	78	162	10	2	254	119	178	1	...	...	298
Union—														
Concord Precinct	106	59	168	126	56	3	...	185	128	57	1	1	...	187
Norwich "	93	78	180	106	67	6	...	179	123	75	...	...	...	198
Washington	69	188	258	70	201	4	...	281	101	198	...	...	...	300
Wayne	128	158	293	114	165	10	...	290	166	175	3	...	...	344
Zanesville—														
First Ward	167	110	284	189	103	7	1	299	220	120	2	...	...	342
Second "	140	226	366	159	257	16	...	415	213	212	...	1	...	427
Third "	144	273	430	157	240	29	...	448	221	211	2	7	...	478
Fourth "	114	210	343	149	179	19	...	347	175	181	...	2	...	361
Fifth "	190	217	456	218	208	33	...	465	252	233	...	3	...	491
Sixth "	97	195	351	146	184	57	...	388	203	212	...	...	...	418
Seventh "	160	105	291	204	95	16	1	315	243	102	4	...	...	353
Eighth "	162	257	452	195	250	34	1	484	240	259	...	2	...	501
Ninth "	265	129	410	251	146	31	...	410	294	137	4	5	...	438
Totals	4292	4994	9687	4584	4828	495	60	9997	5641	5243	84	45	...	11081

NOBLE COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Foy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Beaver	153	217	370	139	197	16	8	360	161	194	9	4	..	368
Brookfield	121	94	22	110	83	7	9	209	126	102	8	...	....	236
Buffalo	67	89	156	59	105	3	....	167	71	108	2	...	....	181
Caldwell	97	93	156	101	89	12	....	202	127	99	...	2	....	228
Center	243	119	368	224	95	31	....	349	278	124	....	5	....	407
Dexter	62	35	98	70	30	6	....	106	82	34	....	6	....	122
Elk	90	183	274	95	176	2	....	273	117	188	....	...	....	305
Enoch	68	178	247	44	169	45	....	258	80	177	....	18	....	275
Jackson	100	127	227	95	111	16	....	222	117	128	....	...	....	245
Jefferson	122	76	198	94	51	34	....	179	147	73	....	25	....	245
Marion	231	64	310	158	27	134	....	319	235	39	1	72	....	347
Noble	128	189	318	94	152	38	6	290	130	186	7	14	....	317
Olive	127	153	280	127	143	12	....	282	144	149	2	...	....	295
Seneca	124	67	192	93	69	43	....	205	144	93	1	6	....	234
Sharon	62	192	256	54	185	9	1	249	71	191	10	2	....	274
Stock	158	121	280	89	144	72	....	265	160	127	...	21	....	308
Wayne	105	40	151	74	22	47	....	143	127	26	..	23	....	176
Totals	2038	2037	4139	1719	1808	527	24	4078	2117	2008	40	198	....	4363

OTTAWA COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bay	17	78	95	12	79	4	...	95	19	88	....	..	....	107
Benton	69	199	272	56	197	55	....	309	121	269	....	2	....	393
Carroll	47	184	231	22	180	66	..	269	53	207	....	3	..	263
Catawba Island	55	34	89	51	40	17	....	108	73	46	....	..	....	120
Clay	164	311	554	96	311	211	....	617	311	385	1	12	....	710
Danbury	61	136	243	71	164	3	..	248	95	184	....	1	....	282
Erie	39	59	99	37	63	21	....	121	53	66	....	..	....	119
Harris	189	274	469	125	261	110	..	497	210	282	....	9	....	502
Portage	140	210	359	140	243	41	..	424	178	249	....	..	....	428
Put-in Bay														
1st Precinct	80	42	127	79	46	1	....	127	119	53	....	....	....	173
2d "	18	13	33	17	6	8	..	31	26	13	....	....	....	38
Salem	67	404	471	33	295	51	....	481	53	433	....	....	....	486
Totals	946	1944	3042	739	1985	588	..	3317	1311	2275	1	27	....	3616

PAULDING COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Auglaize	39	104	160	92	93	3	..	188	99	105	....	....	....	204
Benton	39	60	99	44	64	...	....	108	57	82	....	....	....	139
Blue Creek	57	25	82	55	26	...	..	81	56	39	....	....	....	85
Brown	104	95	209	116	115	4	....	265	149	118	....	....	....	267
Carryall	217	199	420	226	202	15	....	443	270	230	....	3	....	503
Crane	115	77	90	131	96	..	..	227	136	105	....	....	....	241
Emerald	46	54	130	37	63	38	....	138	56	103	....	19	....	178
Harrison	53	37	90	66	47	...	....	113	73	51	....	....	....	124
Jackson	68	52	122	84	87	2	....	173	92	80	....	....	....	172
Latty	31	55	86	34	63	.	...	97	39	67	....	....	....	106
Paulding	92	107	200	109	104	5	....	218	115	119	..	....	....	234
Washington	121	119	240	147	137	...	....	284	147	121	....	....	....	268
Totals	973	984	2021	1171	1097	67	...	2335	1289	1210	....	22	...	2521

PERRY COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N Robinson	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bearfield	93	83	181	95	77	12	....	184	105	97	....	4	....	206
Clayton	130	114	244	146	118	2	....	266	149	118	....	1	....	264
Coal	105	150	474	135	185	317	....	637	266	284	....	214	....	765
Harrison	124	118	254	151	113	12	....	276	172	154	....	2	....	332
Hopewell	87	149	260	74	143	44	....	261	131	165	....	2	....	298
Jackson	119	219	342	137	228	8	....	373	136	234	....	....	....	371
Madison	92	63	161	100	62	17	....	179	120	70	....	....	....	192
Monroe	101	100	208	109	106	16	....	231	145	126	....	5	....	276
Monday Creek	85	141	230	122	176	3	....	301	155	226	1	....	....	380
Pike	210	367	558	230	406	22	....	658	273	381	3	5	....	665
Pleasant	93	95	190	93	85	11	....	189	131	103	....	....	....	233
Reading	215	371	711	213	388	101	....	702	306	432	..	8	....	751
Salt Lick	214	235	581	217	221	245	....	683	313	245	....	108	....	667
Thorn	95	316	416	94	312	13	....	419	101	338	....	....	....	439
Totals	1763	2521	4840	1916	2620	823	....	5359	2503	2972	4	349	....	5839

PICKAWAY COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Circleville—														
1st Ward	69	158	227	70	179	5	1	255	78	170	....	..	....	249
2d "	208	309	519	128	211	8	....	348	152	207	....	1	....	361
3d "	144	172	320	169	173	13	....	358	199	194	....	....	....	396
4th "	64	107	171	64	124	2	....	190	68	134	....	....	....	202
5th "	....	....	....	106	124	13	....	244	120	135	....	....	....	258
Circleville	26	84	110	28	90	1	....	119	26	92	....	....	....	120
Darby	168	140	304	166	146	3	....	315	177	141	....	....	....	318
Deer Creek	146	177	325	152	186	7	1	347	189	211	1	....	....	400
Harrison	110	192	303	116	200	4	....	320	147	213	....	....	....	350
Jackson	83	137	224	109	161	..	....	273	132	161	....	....	....	295
Madison	32	162	194	30	151	18	....	199	36	163	2	10	....	211
Monroe	210	180	390	191	197	16	....	396	196	211	....	....	....	407
Muhlenburg	149	75	225	145	73	11	....	200	157	91	....	....	....	248
Perry	203	133	336	210	151	1	....	349	244	148	....	....	....	393
Pickaway	102	167	271	120	188	....	..	308	147	192	....	....	....	340
Salt Creek	144	197	344	156	197	....	....	354	170	218	1	....	....	390
Scioto	109	241	341	122	234	....	..	359	183	321	2	....	....	507
Walnut	127	208	336	145	190	2	....	339	147	219	....	....	....	369
Washington	25	220	248	23	218	....	....	241	35	215	....	....	....	252
Wayne	42	90	136	53	111	3	....	169	47	117	2	....	....	168
Totals	2156	3137	5324	2303	3304	97	2	5713	2640	3553	8	11	....	6234

PIKE COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Beaver	29	88	117	36	102	5	..	143	36	111	....	9	....	156
Benton	84	132	217	90	154	2	....	246	116	179	....	3	....	298
Camp Creek	52	80	133	66	109	1	..	176	82	111	..	..	....	194
Jackson	144	103	279	193	122	59	....	374	235	147	....	22	....	404
Mifflin	41	172	213	53	186	1	..	240	63	199	....	....	....	263
Marion	85	93	181	84	96	1	5	186	99	100	....	....	....	199
Newton	103	102	210	128	116	4	1	249	151	101	..	....	..	254
Pee Pee	120	344	473	147	439	15	7	608	179	405	4	..	....	587
Pebble	116	156	3 0	134	168	4	24	330	179	168	12	3	....	359
Perry	73	53	126	66	85	2	....	153	75	82	....	..	....	157
Seal	142	120	265	166	141	8	..	315	179	143	....	10	....	330
Scioto	75	55	130	83	66	2	1	152	99	70	....	....	....	169
Sunfish	19	131	152	22	137	....	....	159	31	161	....	....	....	192
Union	42	84	128	46	95	....	....	141	46	111	..	1	....	159
Totals	1125	1711	2924	1314	2016	103	39	3472	1570	2488	16	48	....	3721

PORTAGE COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart	A. Sanders Platt.	Scattering.	
Atwater	145	94	263	158	84	22	4	267	180	112	3	13	....	309
Aurora	102	60	167	97	57	3	1	158	103	65	2	..	....	171
Brimfield	69	165	237	77	175	4	....	256	86	183	....	2	....	262
Charlestown	113	46	160	110	46	8	..	164	118	54	....	2	....	174
Deerfield	148	65	220	176	57	4	5	242	194	68	2	..	....	265
Edinburg	112	74	196	132	56	..	5	200	130	81	4	3	....	219
Franklin	314	259	721	3 9	217	160	17	704	392	380	15	53	....	840
Freedom	134	47	196	142	51	7	....	20	159	60	....	1	....	220
Garretsville	135	77	241	159	67	2	6	235	178	81	8	....	....	268
Hiram	141	147	289	155	149	1	....	305	181	153	....	1	....	335
Mantua	111	149	273	126	143	7	4	280	153	175	1	....	....	333
Nelson	109	116	231	106	90	8	4	211	135	125	4	....	....	266
Palmyra	83	130	214	89	126	8	1	224	104	149	....	2	....	254
Paris	113	43	158	118	46	1	1	168	129	51	....	....	....	181
Randolph	211	158	374	213	148	..	5	366	224	192	..	....	....	416
Ravenna	422	353	862	475	338	120	9	942	540	468	10	26	....	1046
Rootstown	148	115	270	150	114	7	3	274	164	140	3	2	....	309
Shalersville	96	118	222	99	99	28	....	226	120	139	....	7	....	267
Streetsboro	87	96	189	81	95	9	4	189	87	99	1	2	....	189
Suffield	82	238	320	80	217	..	....	297	99	249	....	....	....	350
Windham	156	75	241	169	76	2	4	251	178	80	3	....	....	263
Totals	3031	2624	6030	3221	2451	408	73	6159	3652	3104	56	114	....	6937

PREBLE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Dixon	129	110	241	144	121		4	269	149	109	...	...	...	258
Gasper	76	87	163	94	84	1	...	181	99	107	...	...	...	206
Gratis	190	143	418	219	137	...	71	429	...	...	...	...	...	...
West Elkton Precinct	...	...	...	...	...	...	...	...	112	60	47	...	...	221
Winchester "	...	...	...	...	...	...	...	...	135	97	22	...	...	255
Harrison	261	280	555	255	272	...	35	557	...	...	...	...	...	...
Lewisburg Precinct	...	...	...	...	...	...	...	...	138	165	27	...	...	332
Sonora "	...	...	...	...	...	...	...	...	146	153	4	...	...	303
Israel	226	67	308	254	80	...	12	348	293	85	1	...	...	381
Jackson	176	107	289	173	136	...	3	313	203	144	1	...	...	348
Jefferson	268	195	447	224	214	1	50	491	270	227	32	...	...	521
Lanier	134	223	357	134	219	..	8	360	157	256	..	...	...	414
Monroe	145	182	368	166	193	3	48	410	190	216	43	...	...	449
Somers	318	185	511	340	189	2	7	530	372	164	...	...	...	537
Twin	125	302	430	127	286	..	.	422	148	340	...	...	...	495
Washington	473	373	953	475	465	24	6	975	550	504	...	...	...	1062
Totals	2461	2356	5040	2595	2396	31	244	5265	2952	2427	178	...	...	5782

PUTNAM COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Blanchard	89	209	307	70	227	3	...	301	109	246	...	2	...	357
Greensburg	29	97	126	33	86	1	..	120	54	141	...	1	...	196
Jackson	19	113	133	23	110	..	..	133	28	143	...	...	...	171
Jennings	48	179	228	67	169	..	..	235	76	215	...	...	...	294
Liberty	88	178	266	71	162	10	...	245	108	206	...	4	...	318
Monroe	41	55	98	20	28	21	...	69	53	53	...	7	...	113
Monterey	8	147	158	3	100	...	..	163	29	201	..	...	...	230
Ottawa—														
East Precinct	90	294	396	85	279	31	..	395	111	322	1	4	...	438
West "	9	220	233	8	216	...	...	227	14	245	...	...	...	259
Palmer	26	88	119	11	93	4	..	109	36	127	3	6	...	172
Perry	55	63	119	58	86	.	...	144	108	86	...	1	...	195
Pleasant	270	300	581	290	305	3	...	599	342	331	10	...	..	683
Riley	76	122	200	68	122	5	...	195	90	124		...	..	414
Sugar Creek	143	98	241	151	99	...	...	250	156	120	5	..	..	281
Union	89	134	221	90	142	...	...	232	108	156	1	7	...	272
Van Buren														
North Precinct	40	156	196	24	130	33	...	187	61	159	...	...	...	220
South "	63	161	225	38	134	51	...	224	74	167	...	35	..	276
Totals	1183	2614	3849	1110	2548	162	...	3828	1557	3045	20	67	...	4689

RICHLAND COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A Sanders Piatt.	Scattering.	Total vote.
Blooming Grove	78	184	269	72	174	....	2	248	106	199	....	....	....	305
Butler	92	77	170	93	70	....	1	164	121	86	..	....	....	207
Cass	175	170	347	177	166	..	....	343	204	2-5	2	1	....	412
Franklin	42	155	197	42	135	....	....	177	55	169	....	....	....	224
Jackson	58	149	207	54	128	....	....	182	80	151	....	....	....	231
Jefferson	216	295	556	214	260	11	12	497	276	312	2	....	....	590
Madison	150	221	377	149	209	4	2	364	182	262	3	....	....	447
Mifflin	47	140	188	44	95	1	....	140	50	175	....	....	....	225
Monroe	138	234	372	123	236	....	....	359	157	268	....	1	....	426
Perry	53	93	147	50	66	2	....	118	74	102	....	3	....	179
Plymouth—														
North Precinct	134	104	243	116	96	....	10	222	150	116	4	1	....	271
South "	65	71	136	55	62	1	....	118	73	72	....	....	....	145
Sandusky	39	67	108	36	79	....	....	115	54	102	....	....	....	156
Sharon	364	16	687	354	274	....	4	632	421	313	....	1	....	738
Springfield	146	185	339	141	145	15	1	302	193	197	1	4	....	395
Troy	157	173	312	142	146	..	....	2-9	161	196	....	2	....	362
Washington	145	192	338	144	177	....	1	322	175	213	1	....	....	389
Weller	120	111	249	109	88	....	23	220	164	117	3	....	....	284
Worthington	108	288	397	93	248	16	1	358	144	315	....	....	....	459
Mansfield—														
First Ward	105	103	301	267	150	1	4	422	338	169	....	....	....	507
Second "	275	287	572	187	260	7	9	463	283	303	2	....	....	588
Third "	142	260	407	131	256	....	....	387	199	330	1	1	....	531
Fourth "	148	312	465	135	320	3	7	465	197	349	....	....	....	546
Totals	3091	4167	7384	2928	3840	61	77	6907	3863	4721	19	14	....	8617

ROSS COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A Sanders Piatt.	Scattering.	Total vote.
Buckskin	251	221	476	281	203	2	....	488	304	247	....	....	..	553
Colerain	172	200	377	193	200	5	....	401	292	197	....	....	....	489
Concord	351	2-2	638	394	292	22	....	708	407	320	....	....	....	742
Deerfield	156	136	294	163	130	3	....	296	196	142	....	....	....	339
Franklin	89	91	180	108	102	4	....	214	115	105	..	....	....	220
Greene	202	221	423	201	211	2	....	416	236	240	..	....	....	476
Harrison	91	137	228	99	123	2	....	224	115	129	....	....	....	244
Huntington	140	277	424	162	278	21	....	460	178	338	....	....	....	516
Jefferson	86	108	194	99	121	....	....	220	103	107	....	....	....	212
Liberty	94	195	296	128	204	4	....	337	154	227	....	....	....	382
Paint	71	67	142	92	99	..	....	192	122	115	....	....	....	237
Paxton	157	191	348	209	212	1	....	422	213	255	....	....	....	468
Scioto—														
East Precinct	100	100	201	96	84	14	....	194	113	82	....	1	....	196
West "	68	73	142	70	84	9	....	163	65	90	....	1	....	156
Springfield—														
East Precinct	54	88	142	58	78	2	....	139	69	82	....	....	....	152
West "	40	77	116	26	101	..	....	127	38	86	..	....	....	124
Twin	226	197	443	254	181	71	....	507	285	259	....	3	....	546
Union—														
North Precinct	57	42	99	54	46	....	....	100	49	71	....	....	....	120
South "	196	196	395	224	207	18	....	447	288	210	....	1	....	476
Chillicothe—														
First Ward	252	401	678	312	385	39	....	739	347	424	....	4	....	779
Second "	245	157	410	274	150	8	....	433	301	141	..	1	....	444
Third "	147	371	5-0	190	342	10	....	547	222	375	....	1	....	599
Fourth "	197	256	4-8	226	238	55	....	523	284	269	....	4	....	551
Totals	3445	4081	7664	3915	4070	292	....	8297	4406	4511	....	16	....	8932

SANDUSKY COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Ballville	187	219	407	140	217	107	...	465	186	268	4	22	....	481
Bellevue Precinct	72	71	146	80	46	38	...	164	84	91	....	..	....	176
Green Creek	355	237	695	335	195	232	16	779	404	300	17	94	...	816
Jackson	128	121	249	134	150	46	....	331	169	170	....	3	...	342
Madison	111	201	321	109	177	110	....	396	165	228	....	8	....	403
Rice	123	208	337	36	131	17	...	185	44	128	....	1	....	171
Riley	39	134	178	66	205	56	5	333	87	255	12	11	....	360
Sandusky	126	193	321	76	152	141	...	369	117	201	....	36	....	354
Scott	104	159	265	106	173	33	..	314	148	192	....	1	....	341
Townsend	112	131	247	108	142	35	9	296	160	165	11	2	....	336
Washington	163	325	490	129	325	85	....	541	158	381	....	34	....	547
Woodville	78	255	333	42	237	67	...	346	86	263	....	4	....	354
York	169	87	264	138	78	79	7	303	191	107	4	23	....	326
Fremont—														
1st Ward	245	121	374	115	49	60	...	225	154	72	....	8	....	234
2d "	156	326	483	42	121	152	....	315	88	221	...	20	....	330
3d "	78	197	275	46	166	95	1	308	101	214	....	3	....	319
4th "	....	....	....	153	124	11	2	377	192	153	1	13	...	357
Stem Town Precinct	74	52	126	77	30	33	...	140	109	48	4	4	...	164
Totals	2320	3037	5633	1912	2718	1504	40	6187	2643	3427	53	287	....	6411

SCIOTO COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bloom	129	133	263	183	123	22	7	337	209	104	...	22	....	338
Brush Creek	74	212	288	78	217	...	....	295	113	214	....	....	....	349
Clay	101	120	222	137	128	....	.	265	148	137	....	.	....	285
Green	174	164	339	183	168	1	2	355	201	189	1	2	...	394
Harrison	126	93	220	152	100	...	....	253	166	108	....	1	....	275
Jefferson	35	77	113	58	101	..	..	159	69	91	....	..	....	160
Madison	138	128	270	184	142	1	....	327	200	145	....	18	....	363
Morgan	116	56	172	145	59	...	..	204	132	45	....	7	....	223
Nile—														
Upper Precinct	89	78	167	106	83	....	....	189	107	83	....	....	....	193
Lower "	63	99	162	87	88	...	....	175	87	88	....	....	....	221
Porter	185	206	396	225	210	...	...	441	258	217	....	....	....	476
Rush	69	96	168	66	94	....	....	160	67	97	....	....	....	165
Union	17	107	125	35	192	...	....	227	36	183	....	....	....	219
Valley	68	78	146	85	100	...	....	186	99	90	...	....	...	188
Vernon	94	154	249	101	129	...	....	232	116	131	....	....	....	252
Washington	127	105	233	145	91	2	....	239	143	100	....	....	....	243
Portsmouth—														
1st Ward	82	236	318	120	212	...	....	332	123	222	...	....	...	346
2d "	210	164	380	271	156	...	....	428	272	166	3	1	..	448
3d "	155	166	321	171	150	...	....	321	167	151	...	2	..	322
4th "	141	144	286	177	139	...	...	317	188	144	1	...	..	334
5th "	204	161	367	234	150	...	....	386	220	156	...	....	..	376
6th "	213	127	345	236	141	...	....	378	244	144	..	5	....	393
Totals	2610	2904	5550	3179	2973	26	9	6206	3365	3029	5	58	...	6563

SENECA COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Adams	92	118	219	90	111	25	...	226	110	151	...	7	....	267
Green Spring Precinct	67	35	105	78	48	9	....	135	84	53	....	....	....	138
Big Spring	56	261	318	71	324	5	...	398	85	333	....	....	....	418
Bloom	205	228	446	231	215	26	....	398	261	264	....	7	....	532
Clinton	134	207	344	150	199	25	..	375	161	221	....	8	....	391
Eden	187	172	365	189	168	42	...	401	199	195	...	15	....	412
Hopewell	89	106	219	124	193	6	....	323	140	218	..	2	...	364
Jackson	152	120	273	191	118	10	..	319	....	....	....	....	....	....
North Precinct	....	....	....	....	....	....	..	....	158	51	....	....	....	210
South "	....	....	....	....	....	....	..	....	54	74	..	..	....	131
Liberty	196	191	389	191	185	51	..	427	275	216	..	8	....	501
London	52	166	219	66	218	2	..	286	87	202	..	....	..	290
Fostoria Precinct	321	219	603	409	211	48	..	706	497	226	11	3	...	735
Pleasant	121	133	255	149	147	4	..	300	186	170	..	1	..	357
Reed	142	131	277	143	137	50	....	329	181	172	2	10	....	367
Scipio	232	199	438	243	202	40	...	477	272	205	..	..	....	486
Seneca	113	165	279	129	205	9	....	347	142	210	....	6	...	365
Thompson	79	278	357	93	292	11	....	396	105	308	...	1	....	414
Venice	157	266	431	192	275	14	..	481	219	323	5	..	..	547
Tiffin—														
1st Ward	140	178	321	134	161	35	....	330	139	169	....	15	....	326
2d "	113	171	296	110	172	47	..	329	139	198	....	10	..	348
3d "	137	193	338	147	207	36	....	389	180	223	...	4	....	407
4th "	128	159	291	133	159	28	....	322	129	185	....	8	....	323
5th "	94	199	297	93	233	21	..	349	118	250	...	3	....	371
Totals	3009	3945	7120	3345	4210	544	..	8044	3921	4627	18	108	..	8709

SHELBY COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Clinton	415	496	921	433	468	41	..	942	502	536	....	....	....	1035
Cynthian	51	213	268	48	210	8	....	266	55	228	....	....	....	272
Dinsmore	82	257	345	89	216	14	....	319	126	308	....	....	....	444
Franklin	74	130	203	85	120	4	..	209	115	127	....	....	....	242
Greene	84	160	246	93	144	26	1	264	138	191	....	....	....	328
Jackson	76	192	272	94	175	11	....	280	119	224	....	..	....	342
Laramie	83	196	328	81	168	17	....	268	103	231	....	..	....	336
McLean	15	234	250	10	242	..	..	252	21	269	....	....	....	290
Orange	90	100	192	77	74	35	..	186	117	103	....	3	....	227
Perry	140	121	262	141	102	18	....	261	165	133	....	....	....	298
Salem	166	139	305	175	145	5	....	325	181	175	....	....	....	358
Turtle Creek	132	98	233	120	87	41	1	249	157	121	....	7	....	286
Van Buren	81	137	220	67	114	10	....	191	103	184	....	4	....	292
Washington	74	81	177	99	75	33	3	210	129	114	....	....	....	243
Totals	1565	2544	4222	1614	2140	263	5	4222	2031	2945	..	14	....	4991

STARK COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop	Total vote.	Milton Barnes	David R. Paige.	Andrew Roy.	Jno. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart	A. Sanders Piatt.	Scattering.	Total vote.
Bethlehem	133	308	442	117	246	9	10	383	189	348	1	1	....	535
Canton	169	242	430	209	198	13	....	419	243	302	2	3	....	554
Jackson	112	208	328	110	152	34	....	297	172	260	....	5	....	437
Lake	130	307	440	127	284	....	....	411	186	325	....	....	....	511
Lawrence	411	426	879	....	....	....	....	....	....	....	....	....	....	....
Fulton Precinct	.....	.....	.....	269	248	136	....	653	283	245	....	3	....	536
Lawrence Precinct	.....	.....	.....	89	43	48	4	184	114	60	....	5	....	179
Youngstown "	.....	.....	.....	.....	.....	....	..	.....	112	72	....	6	....	191
Lexington—														
North Alliance Prec't	.....	.....	.....	152	111	120	2	389	265	179	2	43	....	488
South "	.....	.....	.....	391	152	111	16	668	496	219	12	23	....	753
Limaville "	65	39	146	65	25	31	8	132	105	53	6	20	....	165
Marlsboro	190	190	401	295	175	14	16	410	238	213	7	8	....	467
Nimishillen	180	361	569	178	357	6	8	547	265	410	....	....	....	676
Osnaburg—														
Osnaburg Precinct	198	174	392	124	150	1	....	275	159	194	....	....	....	358
Mapleton "	121	52	175	122	40	....	....	162	139	63	....	....	....	202
Paris—														
Minerva Precinct	133	118	256	139	107	1	1	248	170	134	....	....	....	305
Paris "	83	216	300	71	191	2	....	265	106	214	....	....	....	321
Perry—														
Massillon Precinct	105	160	283	122	129	20	....	272	154	206	....	....	....	351
Richville "	37	88	131	40	105	2	....	147	45	112	....	....	....	157
Pike	203	92	297	209	83	9	....	303	260	88	2	..	....	351
Plain	179	317	506	180	268	7	....	455	214	364	....	1	....	579
Sandy	165	91	260	200	87	..	....	287	204	94	1	....	....	299
Sugar Creek	298	167	435	268	167	3	....	440	373	222	3	1	....	556
Tuscarawas	239	248	531	229	227	75	....	531	345	323	2	7	....	676
Washington	196	206	434	213	166	11	3	393	263	202	1	3	....	469
Canton—														
First Ward	292	311	673	274	282	116	....	675	384	413	1	12	....	809
Second "	237	191	488	329	193	40	1	563	356	250	....	8	....	616
Third "	115	211	350	145	184	24	....	354	158	221	1	2	....	382
Fourth "	148	322	536	204	310	64	....	581	272	392	....	....	....	676
Massillon—														
First Ward	156	142	314	189	130	7	....	326	235	169	....	....	....	405
Second "	131	127	276	148	120	16	....	284	178	155	....	7	....	339
Third "	221	198	454	259	210	36	....	475	226	264	....	....	....	553
Fourth "	55	137	200	76	114	11	..	200	74	153	....	....	....	227
Totals	4919	5943	11920	5455	5255	969	69	11729	7008	6899	41	158	....	14122

SUMMIT COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. BeLop.		Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Akron—														
First Ward	295	210	569	303	271	35	10	628	437	247	12	10	....	705
Second "	285	185	516	288	259	31	7	536	372	229	9	2	....	617
Third "	187	208	448	225	213	48	9	498	241	253	7	3	....	545
Fourth "	120	273	510	174	295	98	17	584	268	335	8	15	....	623
Fifth "	133	166	394	176	160	69	5	411	251	207	2	11	....	471
Sixth "	162	50	263	152	95	30	7	284	240	77	5	6	....	327
Bath	179	48	233	161	41	1	4	209	215	48	....	....	....	263
Boston	113	90	230	133	79	59	..	272	154	131	....	14	....	300
Copley	124	95	237	125	100	6	4	236	164	100	3	3	....	271
Coventry	96	184	336	93	176	59	2	331	156	221	....	29	....	408
Cuyahoga Falls	246	139	398	321	93	23	..	447	390	111	....	1	....	492
Franklin	142	216	361	107	211	51	10	383	136	287	2	26	....	453
Greene	161	188	368	152	142	18	17	311	212	216	2	..	....	429
Hudson	235	132	374	215	96	16	9	390	261	153	7	4	....	427
Northfield	146	83	229	141	103	8	..	252	160	102	....	..	....	263
Northampton	65	82	177	72	76	48	..	197	97	113	..	18	....	229
Norton	114	181	332	117	184	69	..	370	171	221	..	..	....	393
Portage	117	201	352	162	181	41	8	394	197	229	13	5	....	444
Richfield	119	70	215	200	31	..	..	246	238	41	..	..	....	279
Springfield	146	258	476	164	232	38	7	442	216	263	4	25	....	510
Stowe	110	90	205	106	85	2	3	196	147	91	1	1	....	240
Tallmadge	204	65	287	214	50	11	1	277	273	70	..	5	....	348
Twinsburg	101	79	182	102	77	3	1	184	110	81	2	..	....	193
Totals	3630	3248	7661	3923	3200	763	121	8108	5146	3831	27	178	....	9237

TRUMBULL COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige	Andrew Roy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	
Bazetta	94	76	173	79	78	3	..	162	105	82	....	8	....	195
Courtland Precinct	86	34	139	88	31	5	4	128	118	37	10	1	....	165
Bloomfield	124	32	156	116	43	....	..	161	146	37	1	3	....	187
Braceville	142	61	208	121	48	4	5	178	181	69	1	4	....	256
Bristol	201	70	275	212	61	2	3	278	216	70	7	10	....	304
Brookfield	151	135	295	116	93	124	1	334	209	156	4	35	....	402
Champion	93	110	202	81	95	21	1	201	118	99	..	11	....	229
Farmington	198	58	266	194	58	7	6	265	219	52	5	7	....	284
Fowler	153	45	201	132	42	....	..	174	160	54	1	1	....	236
Greene	155	33	198	148	39	9	8	206	170	54	4	6	....	240
Gustavus	173	24	218	155	26	10	13	204	216	40	6	11	....	274
Hartford	167	65	244	161	61	14	1	237	188	70	1	2	....	262
Orangeville Precinct	35	18	53	32	11	1	....	43	42	15	....	....	....	57
Howland	112	63	170	102	51	3	..	156	134	62	..	..	....	199
Hubbard	167	243	479	135	168	112	4	420	240	260	6	22	....	528
Coleburg Precinct	82	48	167	74	36	42	3	155	136	71	....	....	....	207

TRUMBULL COUNTY—Continued.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Rov.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Johnson	100	73	180	87	55	14	3	159	127	65	11	8	....	211
Kinsman	177	29	215	126	39	22	3	190	210	56	..	16	....	282
Liberty	125	89	300	70	75	128	10	286	212	103	23	41	....	379
Girard Precinct	83	81	181	104	63	3	4	176	156	86	3	2	....	247
Lordstown	64	122	186	51	104	...	1	157	63	131	2	..	....	197
Mecca	156	60	224	154	59	3	9	226	190	66	4	1	....	261
Mesopotamia	160	20	183	139	24	...	4	170	169	28	5	2	....	204
Newton	182	161	344	166	152	3	3	324	201	171	....	1	....	373
Southington	114	77	194	103	70	1	....	175	144	90	....	1	....	235
Vernon	141	48	189	110	37	48	4	197	157	58	2	19	....	237
Vienna	162	84	323	145	66	78	8	299	233	130	11	24	....	400
Wethersfield	324	186	604	277	115	86	3	481	463	309	2	29	....	806
Mineral Ridge Prec't	180	41	262	159	32	81	....	272	250	73	8	5	....	338
Warren	90	127	217	79	97	2	....	180	123	152	....	....	....	275
Warren—														
First Ward	263	73	348	272	46	3	4	330	310	68	2	..	..	380
Second "	207	144	365	209	131	10	4	355	258	164	1	6	....	429
Third "	100	54	164	102	46	10	....	158	113	76	....	2	....	192
Totals	4763	2584	7973	4299	2152	852	109	7437	5097	3054	120	278	....	9471

TUSCARAWAS COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Rov.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Auburn	57	173	230	49	176	1	...	229	60	204	....	3	....	258
Bucks	14	170	184	9	185	..	....	190	16	211	....	....	....	228
Clay	122	130	253	105	111	..	..	216	137	140	....	....	....	277
Dover	276	495	801	192	407	132	5	741	303	531	5	31	....	866
Fairfield	60	56	143	61	53	23	1	138	82	73	....	2	....	159
Franklin	81	144	228	73	135	..	....	208	98	163	....	1	....	262
Goshen	491	483	1002	466	461	84	....	1012	609	530	1	6	....	1149
Jefferson	41	197	238	39	182	7	....	228	49	208	....	1	....	258
Lawrence	139	154	297	123	144	32	2	302	175	193	4	14	....	373
Mill—														
Urichsville Prec'nct	412	218	685	416	149	117	....	685	641	277	2	14	....	934
Dennison "	65	199	264	61	104	105	....	274	143	185	....	8	....	344
Oxford	181	203	397	161	169	36	....	369	229	212	....	5	....	447
Perry	73	110	183	71	107	6	....	184	101	140	....	2	....	244
Rush	102	73	176	115	55	4	....	174	143	104	....	....	....	248
Salem	121	215	345	128	199	24	....	352	169	272	....	1	....	443
Sandy	114	115	230	98	91	29	....	219	141	232	2	36	....	313
Sugar Creek	58	211	277	47	231	7	....	287	66	225	....	8	....	301
Union	84	29	117	96	28	4	....	128	125	38	....	2	....	165
Warren	85	81	173	72	66	36	....	174	92	72	....	38	....	201
Warwick	127	130	259	124	109	22	....	258	153	155	....	2	....	310
Washington	55	131	186	69	134	6	....	209	85	145	....	3	....	233
Wayne	55	176	243	51	153	7	....	212	77	195	1	3	....	275
York	45	136	181	48	129	5	....	181	60	164	....	4	....	225
Totals	2858	3959	7092	2677	3578	687	8	6972	3759	4569	15	184	....	8513

UNION COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Allen	182	73	257	186	52	....	1	240	214	95	...	...	....	309
Claybourne	385	222	612	290	157	....	67	516	381	235	54	5	....	682
Darby	120	144	271	123	125	....	1	249	142	152	...	....	....	294
Dover	78	115	198	93	109	....	1	203	99	125	4	....	....	228
Jackson	126	122	248	111	126	....	7	245	138	150	11	...	....	299
Jerome	168	131	304	166	94	....	20	280	207	148	14	...	....	379
Leesburg	166	128	303	164	113	5	8	290	193	154	6	5	....	358
Liberty	184	130	322	117	112	....	5	294	208	132	2	....	....	343
Mill Creek	33	112	149	23	93	....	20	136	41	120	15	...	....	176
Paris	3-6	403	812	423	317	....	22	769	464	425	21	....	....	911
Taylor	144	98	248	135	74	....	17	226	162	110	19	....	....	291
Union	177	100	283	200	113	....	4	317	240	149	...	....	....	391
Washington	133	59	192	150	36	....	2	188	195	56	....	....	....	251
York	248	89	341	195	69	....	9	274	263	93	6	....	...	364
Total	2530	1924	4540	2436	1590	5	184	4227	2947	2144	152	10	....	5269

VAN WERT COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Harrison	73	175	251	71	188	...	..	259	99	186	....	....	....	285
Hoagland	82	112	196	92	113	..	..	205	116	128	1	....	....	246
Jennings	137	73	213	127	56	2	..	120	147	95	...	....	....	242
Jackson	40	70	110	50	79	..	..	129	56	85	...	...	....	141
Liberty	112	137	250	128	149	...	...	279	132	163	2	....	....	298
Pleasant	158	140	298	168	132	...	...	301	181	137	...	....	....	319
Van Wert—														
First Ward	127	81	207	130	80	....	..	212	134	92	6	....	....	232
Second "	92	83	178	86	72	....	....	158	98	86	1	....	....	185
Third "	143	73	217	143	76	....	....	220	160	93	...	....	....	253
Fourth "	153	133	287	152	112	....	....	264	163	126	...	....	1	290
Ridge	171	142	312	186	137	....	....	327	200	158	...	....	....	358
Tully	80	214	294	93	217	...	....	309	100	228	....	....	....	330
Union	55	124	181	72	124	..	....	196	80	136	...	....	....	216
Willshire	145	134	292	184	169	..	..	353	215	175	..	....	....	393
Washington	108	297	481	143	355	45	6	549	159	433	3	7	....	609
Middleport Precinct	89	91	184	98	96	...	....	194	101	91	1	1	....	196
York	193	60	255	193	59	5	..	257	233	67	....	....	....	300
Totals	1958	2139	4207	2116	2214	52	6	4397	2374	2479	14	8	1	4893

VINTON COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering	Total vote.
Brown	69	122	192	87	119	9	....	215	105	131	....	22	....	258
Clinton	116	177	299	125	168	....	....	293	126	180	2	....	....	309
Eagle	53	106	161	62	126	....	....	188	57	130	....	....	....	188
Elk	207	197	405	217	190	1	....	408	224	197	....	....	....	422
Harrison	66	113	181	79	118	....	....	197	86	130	....	....	....	216
Jackson	119	107	228	128	121	....	....	250	138	132	....	....	....	270
Knox	65	89	153	89	84	....	....	176	91	81	....	....	....	173
Madison	129	247	378	179	237	....	....	418	214	256	....	....	....	472
Richland	98	220	318	116	199	....	....	315	121	202	....	....	....	324
Swan	132	66	205	148	67	....	....	215	130	77	....	2	....	209
Vinton	19	143	163	38	157	....	....	196	48	167	....	....	....	216
Wilkesville—														
East Precinct	114	30	145	130	40	..	..	168	133	32	....	....	....	166
West "	63	132	197	52	169	7	..	228	68	176	..	....	....	246
Totals	1250	1749	3025	1450	1795	17	..	3267	1539	1891	2	24	....	3169

WARREN COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere N Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Piatt.	Scattering.	Total vote.
Clear Creek—														
Ridgeville Precinct	100	125	226	105	128	....	....	233	119	150	..	....	....	269
Springboro "	233	136	372	247	155	..	....	404	265	165	3	....	....	433
Deerfield	186	215	403	230	234	1	..	466	234	265	1	....	....	503
Franklin	433	287	729	459	329	1	11	795	561	347	8	....	....	915
Hamilton	273	142	419	328	202	....	....	533	364	207	....	2	..	574
Harlan	194	236	432	191	240	....	....	431	222	269	..	....	....	491
Massie	260	40	317	300	46	....	1	347	319	56	1	..	..	376
Salem	206	204	412	218	201	..	5	425	261	212	6	....	..	479
Turtle Creek	804	318	1141	870	377	4	1	1255	991	376	..	2	....	1372
Union	133	100	236	159	101	....	....	260	169	102	..	..	....	271
Washington	180	91	274	204	104	....	....	308	219	99	2	....	....	320
Wayne	394	193	601	487	205	..	....	698	501	201	3	....	....	706
Totals	3396	2087	5562	3798	2322	6	18	6155	4225	2449	24	4	....	6709

WASHINGTON COUNTY.

Townships and Wards.	Governor—1877.		Total vote.	Secretary of State—1878.				Total vote.	Governor—1879.					Total vote.
	William H. West.	Richard M. Bishop.		Milton Barnes.	David R. Paige.	Andrew Joy.	Jere. N. Robinson.		Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	
Adams	121	191	314	162	183	11	....	356	203	229	....	....	....	432
Aurelius—														
Macksburgh Precinct	36	17	71	31	11	32	....	74	41	19	....	17	....	77
Elba Precinct	48	30	83	45	34	24	....	103	75	49	....	9	....	133
Barlow	184	85	267	185	79	2	....	266	212	80	....	6	....	298
Belpre	114	106	225	107	91	10	1	210	127	115	3	19	....	264
Belpre Village	155	108	273	135	59	63	11	268	170	81	12	32	....	295
Decatur	138	93	231	139	105	15	1	260	197	101	....	5	....	301
Dunham	55	87	143	57	100	4	2	163	72	113	2	2	....	189
Fairfield	34	111	146	40	98	1	1	140	48	107	..	1	....	156
Fearing	82	167	242	83	173	3	....	259	100	183	....	....	....	283
Grandview	81	281	367	91	316	4	1	412	140	316	3	29	....	488
Harmar Village	189	115	310	217	110	....	....	327	242	111	....	7	....	360
Independence	38	203	244	38	199	3	1	241	60	207	2	28	....	297
Lawrence—														
Upper Precinct	102	134	237	100	138	2	....	240	130	174	....	2	....	306
Lower "	63	68	131	63	70	6	4	143	77	72	2	....	....	151
Liberty	138	121	260	130	124	23	....	277	181	132	....	9	....	322
L. Muskingum Precinct	155	133	299	141	80	2	3	226	165	90	3	....	....	258
Ludlow	46	197	245	43	173	17	....	233	42	160	....	63	....	265
Muskingum	82	100	185	120	126	....	....	247	145	125	....	....	....	270
Newport	172	211	393	152	215	31	10	408	219	235	10	12	....	476
Palmer	70	39	111	81	31	10	....	122	81	50	....	....	....	131
Salem	151	170	323	153	168	....	2	323	176	182	1	....	....	359
Union	35	147	186	....	....	....	....	....	....	....	....	....	....	....
Warren	107	185	292	122	189	25	....	336	174	212	....	21	....	407
Waterford	218	173	401	221	139	67	4	431	295	155	7	29	....	486
Watertown	125	170	299	95	187	92	....	374	134	216	..	64	....	414
Wesley	231	62	302	240	58	1	1	300	268	55	4	1	..	328
Fultonberg	.....	.....	.....	52	53	7	....	112	59	49	....	2	....	110
Marietta—														
1st Ward	149	212	365	186	212	2	....	400	212	182	....	2	....	396
2d "	211	163	381	240	165	1	....	406	276	155	....	1	....	432
3d "	136	180	319	157	175	1	2	335	186	183	....	....	....	369
Totals	3464	4053	7643	3626	3861	460	44	7992	4505	4138	49	361	....	9053

WAYNE COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Baughman—														
First Precinct	100	57	150	110	67	6	...	184	121	74	...	...	...	195
Second "	81	56	138	83	54	4	...	142	93	65	...	...	...	158
Third "	100	134	235	114	122	1	...	237	123	156	...	...	...	279
Canaan—														
First Precinct	151	167	324	165	176	4	...	346	189	191	4	...	...	385
Second "	120	55	181	135	41	4	...	181	136	58	4	...	...	198
Chester	203	218	428	223	219	1	1	445	250	229	...	...	...	479
Chippewa	211	325	556	222	337	61	...	623	283	400	...	...	...	684
Clinton	174	238	414	209	218	5	...	433	226	266	14	...	...	510
Congress—														
First Precinct	164	164	336	168	158	3	2	335	198	166	...	...	...	365
Second "	83	107	199	93	144	7	...	216	104	119	...	1	...	225
East Union	154	253	413	173	243	4	...	420	193	268	...	...	...	461
Franklin	106	186	294	122	195	1	...	319	143	209	...	...	...	353
Greene—														
First Precinct	121	106	241	140	101	21	...	262	197	129	1	3	...	330
Second "	107	164	273	128	179	2	...	310	148	207	...	...	...	355
Milton	80	184	266	92	189	2	2	285	128	230	5	...	...	365
Paint	49	222	271	59	209	1	...	273	71	241	...	...	...	312
Plain	208	156	367	243	167	6	...	416	256	205	3	1	...	465
Salt Creek	159	165	325	138	135	...	...	373	...	...	...	...	...	.....
First Precinct	.....	.....	.....	.....	.....	...	...	.....	157	102	1	...	...	261
Second "	.....	.....	.....	.....	.....	...	...	.....	35	101	...	...	...	136
Sugar Creek	165	216	381	189	221	1	...	412	198	234	...	...	...	433
Wayne	141	211	381	160	195	30	...	386	204	243	...	5	...	442
Wooster	111	138	257	122	131	4	...	257	141	145	...	...	...	286
Wooster—														
1st Ward	112	212	351	135	234	18	...	384	149	236	...	...	...	385
2d "	193	147	371	246	166	15	...	431	275	191	1	...	...	467
3d "	84	143	250	115	152	15	...	282	122	155	...	...	...	279
4th "	68	90	184	76	92	14	...	184	92	100	1	2	...	195
Totals	3243	4114	7595	3708	4165	230	5	8136	4232	4710	34	12	....	9003

WILLIAMS COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Brady	257	134	402	275	120	7	...	393	323	140	1	4	...	467
Bridgewater	143	123	266	131	98	43	...	274	188	146	...	9	...	343
Center	142	172	314	162	169	9	...	341	181	197	...	...	...	378
Florence	190	255	445	185	253	8	...	447	220	288	...	...	...	508
Jefferson	116	174	290	115	169	20	...	304	147	203	...	...	...	353
Madison	196	188	385	192	179	11	...	385	227	206	...	...	...	433
Mill Creek	78	99	178	73	111	4	...	189	96	123	...	2	...	221
Northwest	161	111	274	107	120	93	...	322	158	135	...	59	...	352
Pulaski	460	462	929	496	428	7	5	937	541	498	...	6	...	1045
St. Joseph	176	222	398	166	252	1	...	419	207	249	1	...	...	457
Superior	210	193	403	192	175	55	...	417	219	221	...	12	...	.....
Springfield	181	174	300	185	206	11	...	402	255	222	...	...	...	.....
Totals	2330	2307	4651	2969	2220	269	5	4830	2791	2628	8	89	....	5486

WOOD COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy.	Jere. N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Bloom	155	140	296	204	177	4	....	386	258	199	....	3	....	459
Center	231	98	332	252	111	90	4	457	317	128	....	14	....	460
Freedom	116	189	305	114	187	29	....	330	141	227	....	1	....	371
Henry	93	134	238	123	169	21	....	313	109	192	4	....	....	366
Jackson	60	57	123	60	58	24	1	142	93	83	14	....	....	190
Lake—														
Millbury Precinct	68	116	186	54	100	57	....	211	73	100	1	25	....	199
Walbridge "	68	44	113	49	65	41	....	155	93	59	....	21	....	173
Liberty	111	76	188	165	93	10	....	271	175	122	....	2	....	300
Middletown	136	151	290	121	168	69	....	359	158	179	....	19	....	356
Milton	142	206	360	120	209	68	4	402	191	276	3	13	1	484
Montgomery	208	184	394	228	199	32	3	462	264	234	4	8	....	510
Perry	144	93	247	187	100	25	1	315	229	116	1	4	....	350
Perrysburg	256	357	660	195	347	185	....	727	349	431	....	16	....	796
Plain—														
East Precinct	192	90	282	213	85	26	....	325	229	115	1	5	....	351
West "	48	13	62	70	13	34	....	117	74	19	1	6	....	102
Portage	119	82	201	149	111	15	....	274	163	108	....	3	....	277
Ross	27	19	57	39	33	15	....	88	61	43	....	1	....	105
Troy	62	162	224	67	198	24	....	289	70	189	....	7	....	266
Washington	142	78	226	141	63	70	....	274	192	100	1	8	....	301
Webster	114	64	202	131	86	36	12	266	164	93	19	20	....	296
Weston—														
Grand Rapids Prec't	108	60	174	105	59	40	1	204	148	66	....	3	....	217
Weston "	119	100	235	114	59	126	1	302	164	108	2	49	....	323
Totals	2719	2512	5395	2901	2690	1041	27	6668	3773	3187	55	217	1	7252

WYANDOT COUNTY.

Townships and Wards.	Governor—1877.			Secretary of State—1878.					Governor—1879.					
	William H. West.	Richard M. Bishop.	Total vote.	Milton Barnes.	David R. Paige.	Andrew Roy	Jere N. Robinson.	Total vote.	Charles Foster.	Thomas Ewing.	Gideon T. Stewart.	A. Sanders Platt.	Scattering.	Total vote.
Antrim	66	66	132	63	52	....	....	115	73	64	....	....	....	138
Crane	123	166	294	142	157	....	....	299	171	192	....	....	....	363
Crawford	193	203	399	263	223	....	....	488	285	239	5	....	....	533
Eden	83	107	190	98	99	....	....	199	124	125	....	....	....	250
Jackson	41	93	134	50	98	....	....	148	45	118	....	....	....	163
Kirby Precinct	41	157	201	45	171	....	....	216	53	191	....	....	....	244
Marseilles	102	69	171	117	71	....	....	188	127	82	....	....	....	210
Mifflin	92	104	198	97	102	....	1	202	112	123	....	....	....	235
Nevada Precinct	209	194	408	234	205	1	....	441	241	223	3	....	....	467
Pitt	116	159	269	114	151	....	....	266	142	188	....	....	....	332
Richland	86	173	259	92	154	....	....	245	132	193	1	....	....	307
Ridge	35	74	109	40	58	....	....	99	58	83	....	....	....	141
Salem	58	145	203	37	144	....	....	181	66	193	....	....	....	259
Sycamore	124	64	191	145	66	1	11	223	173	64	3	....	....	242
Tymochtee	126	175	301	129	186	....	....	315	181	240	....	....	....	420
Upper Sandusky														
1st Ward	84	229	316	86	233	....	....	321	108	224	....	....	....	332
2d "	153	238	392	155	278	....	....	436	191	270	....	....	....	463
Totals	1732	2405	4167	1997	2448	2	12	4382	2282	2812	12	....	....	5099

EDUCATIONAL STATISTICS.

17

EDUCATIONAL STATISTICS.

ESTIMATE OF RECEIPTS AND DISBURSEMENTS OF STATE COMMON SCHOOL FUND, FOR FISCAL YEAR 1880.*

Receipts.

Balance in Treasury November 15, 1879	$53,730 16	
From taxes on duplicate of 1879	1,512,708 34	
Total estimated receipts for School Fund		$1,566,438 50

Disbursements

For support of common schools, estimate being based upon the distribution of one dollar and forty-five cents per capita, for each enumerated school youth (1,044,479) between the ages of six and twenty-one years.	$1,514,494 55

TABLE SHOWING THE ADDITIONS TO THE PRINCIPAL, THE DISBURSEMENTS OF INTEREST, AND THE INTEREST DUE IN 1880, UPON THE SEVERAL ITEMS OF THE IRREDUCIBLE STATE DEBT, CONSISTING OF THE SCHOOL AND OTHER TRUST FUNDS.

Name of fund.	Amount paid into the State Treasury November 15, 1878.	Net amount of principal paid in or accrued during the year ending November 15, 1879.	Total amount paid in, and balance remaining to the credit of each, November 15, 1879.	Interest accruing and disbursed during the year ending November 15, 1879.	Interest due and payable after January 1, 1880.
Section 16, School Fund	$3,042,724 19	$21,689 88	$3,064,412 07	$182,131 29	$183,452 37
Section 29, Ministerial Fund	114,942 58	1,680 19	116,622 77	6,884 42	6,957 67
Virginia Military School Fund	182,001 89	3,865 79	185,867 68	11,771 54	12,114 26
United States Military School Fund	120,272 12	.....	120,272 12	7,216 33	7,216 33
Western Reserve School Fund	257,429 21	.....	257,429 21	15,445 75	15,445 75
Ohio University (Athens) Fund	2,700 73	.....	2,700 73	486 12	162 04
Ohio State University (Columbus) Fund	506,031 14	1,882 80	567,913 94	130,196 81	32,890 00
Franklin County Ag. College bonds	34,500 00		34,500 00		†16,421 00
Totals	$4,260,601 86	$29,118 66	$4,289,718 52	$254,132 26	$274,659 42

* From annual report of Auditor of State.

† This amount includes $13,775.81 of interest that had accrued prior to January 1, 1879. See page 16 of report for 1878.

‡ This sum of $16,421.00 is subject to draft if drawn prior to January 1, 1880. So much as is not then drawn will be added to the principal of the Endowment Fund.

TABLE SHOWING THE AMOUNT OF TAX LEVIED IN EACH COUNTY OF OHIO FOR THE SUPPORT OF STATE COMMON SCHOOLS FOR THE YEAR 1879.

Counties.	State Common School Fund, 1 mill.	Counties.	State common School Fund, 1 mill.
Adams	$5,858 52	Licking	$26,430 56
Allen	10,198 61	Logan	13,548 52
Ashland	13,022 98	Lorain	17,430 24
Ashtabula	16,116 11	Lucas	23,594 63
Athens	7,060 33	Madison	14,166 54
Auglaize	7,537 62	Mahoning	18,743 22
Belmont	20,735 98	Marion	13,077 87
Brown	10,760 45	Medina	12,400 88
Butler	33,119 21	Meigs	8,533 97
Carroll	8,927 47	Mercer	4,491 79
Champaign	20,403 11	Miami	21,496 87
Clarke	27,204 29	Monroe	5,645 65
Clermont	14,485 20	Montgomery	44,392 87
Clinton	13,900 66	Morgan	8,127 61
Columbiana	22,657 59	Morrow	12,193 38
Coshocton	13,141 49	Muskingum	25,260 48
Crawford	15,300 67	Noble	6,228 21
Cuyahoga	88,492 21	Ottawa	5,907 10
Darke	18,580 79	Paulding	2,380 01
Defiance	5,877 24	Perry	8,830 91
Delaware	16,489 12	Pickaway	19,179 57
Erie	11,431 31	Pike	5,197 56
Fairfield	18,201 99	Portage	15,943 71
Fayette	13,324 16	Preble	17,761 85
Franklin	50,772 69	Putnam	5,716 44
Fulton	5,315 48	Richland	21,763 20
Gallia	7,391 51	Ross	21,522 51
Geauga	8,017 54	Sandusky	12,920 98
Greene	22,286 31	Scioto	10,414 62
Guernsey	10,683 85	Seneca	18,497 26
Hamilton	207,324 67	Shelby	9,700 74
Hancock	12,338 83	Stark	32,554 95
Hardin	9,197 11	Summit	22,073 61
Harrison	13,007 66	Trumbull	19,715 29
Henry	4,554 90	Tuscarawas	16,807 91
Highland	15,076 43	Union	10,349 42
Hocking	5,495 06	Van Wert	5,933 69
Holmes	8,334 57	Vinton	3,738 29
Huron	17,405 56	Warren	21,064 71
Jackson	4,733 69	Washington	12,652 27
Jefferson	18,857 89	Wayne	23,054 92
Knox	16,544 00	Williams	7,750 48
Lake	10,116 24	Wood	9,542 66
Lawrence	8,345 02	Wyandot	10,580 13
Total			$1,535,744 50

TABLE SHOWING THE AMOUNT OF TOWNSHIP AND SUB-DISTRICT SCHOOL, SCHOOL-HOUSE, AND ALL TAXES FOR SCHOOL PURPOSES, ASSESSED ON THE GRAND DUPLICATE BY TOWNS, TOWNSHIP, AND SUB-DISTRICT AUTHORITY FOR THE YEAR 1879.

Counties.	Township and sub-district school, school-house, and all taxes for school purposes.	Counties.	Township and sub-district school, school-house, and all taxes for school purposes.
Adams	$29,741 12	Licking	$61,204 86
Allen	48,768 87	Logan	52,584 20
Ashland	43,111 47	Lorain	73,596 24
Ashtabula	46,806 65	Lucas	136,876 46
Athens	25,619 72	Madison	41,198 38
Auglaize	31,325 36	Mahoning	58,314 50
Belmont	65,643 83	Marion	43,375 24
Brown	36,191 45	Medina	37,601 29
Butler	95,895 34	Meigs	33,646 53
Carroll	10,475 89	Mercer	24,167 52
Champaign	69,314 53	Miami	81,755 71
Clarke	99,148 17	Monroe	26,543 42
Clermont	59,753 70	Montgomery	179,926 18
Clinton	45,238 45	Morgan	30,930 10
Columbiana	77,657 76	Morrow	31,646 13
Coshocton	36,871 69	Muskingum	69,818 25
Crawford	47,396 86	Noble	24,535 32
Cuyahoga	377,823 03	Ottawa	29,999 11
Darke	62,138 20	Paulding	17,407 25
Defiance	30,345 83	Perry	42,135 84
Delaware	39,115 86	Pickaway	54,561 28
Erie	62,060 25	Pike	26,404 86
Fairfield	64,525 52	Portage	43,195 48
Fayette	41,201 21	Preble	49,783 11
Franklin	208,061 58	Putnam	29,930 30
Fulton	24,212 29	Richland	67,657 58
Gallia	25,003 73	Ross	63,228 33
Geauga	23,312 21	Sandusky	44,658 84
Greene	61,994 83	Scioto	49,474 08
Guernsey	48,081 24	Seneca	63,229 53
Hamilton	701,411 63	Shelby	30,122 97
Hancock	43,411 28	Stark	101,022 36
Hardin	35,481 69	Summit	86,613 21
Harrison	27,177 41	Trumbull	60,059 37
Henry	30,441 16	Tuscarawas	61,710 53
Highland	50,714 88	Union	48,927 10
Hocking	21,564 53	Van Wert	31,525 66
Holmes	26,160 05	Vinton	15,565 55
Huron	57,962 43	Warren	50,993 50
Jackson	23,463 34	Washington	51,232 22
Jefferson	48,545 83	Wayne	58,894 28
Knox	40,135 54	Williams	31,984 62
Lake	29,965 47	Wood	45,842 39
Lawrence	41,634 17	Wyandot	39,291 50
Total			$5,418,104 26

SUMMARY.

State tax for 1879 for State Common School Fund	$1,535,744 50
Local taxes on grand duplicate for 1879 for schools and school purposes	5,418,104 26
Total	$6,953,848 76

TABLE SHOWING THE PAYMENTS OF THE STATE COMMON SCHOOL FUND TO COUNTIES AS COMPARED WITH RECEIPTS, AND EXHIBITING EXCESS OF PAYMENTS OR RECEIPTS, FOR FISCAL YEAR ENDING NOVEMBER 15, 1879; ALSO, THE ENUMERATION OF YOUTH BETWEEN SIX AND TWENTY-ONE YEARS OF AGE, TAKEN IN THE MONTH OF SEPTEMBER, 1879, BEING THE BASIS UPON WHICH THE STATE COMMON SCHOOL FUND IS TO BE DISTRIBUTED IN 1880.

Counties.	Payments to counties.	Received from counties.	Excess of payments to counties.	Excess of receipts from counties	Number of youth between 6 and 21 years.
Adams	$12,386 00	$5,771 60	$6,614 40		8,261
Allen	15,342 00	10,344 87	5,007 13		10,603
Ashland	11,191 50	12,937 43		$1,745 93	7,669
Ashtabula	15,553 50	8,439 50	7,114 00		10,338
Athens	13,593 10	7,273 47	6,319 63		9,211
Auglaize	14,056 50	7,675 28	6,381 22		9,340
Belmont	24,563 50	20,860 00	3,708 50		16,296
Brown	17,086 50	11,195 43	5,891 07		11,328
Butler	23,221 50	33,346 53		10,125 03	15,164
Carroll	8,286 00	8,766 61		480 61	5,440
Champaign	13,443 00	20,374 62		6,931 62	8,809
Clarke	18,121 50	26,688 43		8,566 93	12,662
Clermont	17,874 00	13,978 24	3,895 76		11,862
Clinton	12,405 00	13,858 73		1,453 73	8,170
Columbiana	22,009 50	22,554 81		545 31	14,812
Coshocton	13,404 00	13,358 43	45 57		8,878
Crawford	14,386 50	15,267 09		880 59	9,754
Cuyahoga	84,997 50	86,832 44		1,833 94	57,612
Darke	19,762 50	18,486 20	1,276 30		13,391
Defiance	10,716 00	5,568 35	5,147 65		7,3?7
Delaware	12,771 00	16,131 81		3,360 81	8,708
Erie	18,985 50	11,157 06	7,828 44		11,796
Fairfield	17,280 00	17,880 12		600 12	11,904
Fayette	9,493 50	13,186 74		3,693 24	6,557
Franklin	37,588 50	50,110 69		12,522 18	25,338
Fulton	10,674 00	5,307 52	5,366 48		6,936
Gallia	14,902 50	7,464 92	7,537 58		9,861
Geauga	5,533 50	7,695 50		2,432 00	3,714
Greene	14,238 00	22,335 84		8,097 84	9,670
Guernsey	13,827 00	10,839 07	2,957 93		9,240
Hamilton	165,754 50	206,260 73		40,506 23	106,260
Hancock	13,947 00	12,215 20	1,731 80		9,273
Hardin	13,924 50	8,955 10	4,969 40		9,324
Harrison	10,129 50	12,916 00		2,786 50	6,833
Henry	10,955 00	4,199 59	6,795 41		7,376
Highland	15,342 40	16,167 42		825 42	10,303
Hocking	10,129 : 0	5,662 98	4,465 52		7,083
Holmes	10,765 50	8,313 21	2,452 29		7,070
Huron	15,925 50	17,444 46		1,518 96	10,542
Jackson	12,427 50	4,606 02	7,761 48		8,150
Jefferson	17,386 50	39,061 55		1,675 05	12,389
Knox	12,450 00	16,422 27		3,972 27	8,409
Lake	7,702 50	9,971 99		2,269 49	5,097
Lawrence	19,806 00	8,317 09	11,488 91		13,252
Licking	20,168 50	26,401 42		6,233 92	13,252
Logan	12,558 00	13,749 30		1,191 30	8,406
Lorain	16,083 00	17,484 05		1,401 05	10,631
Lucas	33,113 50	19,896 86	12,216 64		20,667
Madison	7,507 00	14,069 05		4,562 05	6,419

Counties.	Payments to counties.	Received from counties.	Excess of payments to counties.	Excess of receipts from counties.	No. of youth between 6 and 21 years.
Mahoning	$19,368 00	$18,905 92	$462 08		12,865
Marion	9,768 00	13,028 21		$3,260 21	6,511
Medina	9,654 00	12,884 70		3,230 70	6,376
Meigs	17,166 00	8,862 45	8,303 55		11,419
Mercer	12,386 50	4,409 40	6,977 10		7,904
Miami	17,788 50	21,315 13		3,526 63	12,593
Monroe	14,776 00	5,561 37	9,216 32		9,931
Montgomery	33,775 50	44,194 96		10,419 46	23,244
Morgan	10,389 00	8,051 97	2,337 03		6,817
Morrow	9,100 50	12,189 10		3,088 60	6,016
Muskingum	26,355 50	25,197 21		841 71	16,179
Noble	11,296 50	6,210 76	5,085 74		7,413
Ottawa	9,552 00	5,415 25	4,136 75		6,606
Paulding	6,729 00	2,167 32	4,561 68		4,595
Perry	13,251 00	8,589 72	4,631 28		8,864
Pickaway	15,311 50	19,114 81		3,803 31	9,529
Pike	9,573 00	5,166 58	4,406 42		6,287
Portage	11,715 00	16,013 91		4,298 91	7,775
Preble	11,886 50	17,996 98		6,130 48	7,976
Putnam	12,547 50	5,789 59	6,757 91		8,528
Richland	16,911 00	21,819 72		4,908 72	11,327
Ross	20,056 50	21,164 03		1,107 53	13,334
Sandusky	14,936 00	12,790 38	2,146 62		10,575
Scioto	17,376 00	10,222 73	7,153 27		11,554
Seneca	18,241 50	18,592 98		351 48	12,452
Shelby	12,414 00	9,807 63	3,606 37		8,502
Stark	30,909 00	32,472 79		1,563 79	20,796
Summit	19,362 00	22,003 28		2,641 28	12,948
Trumbull	21,097 50	19,479 56	1,617 94		14,149
Tuscarawas	20,104 50	16,976 49	3,808 01		13,486
Union	10,594 50	10,343 50	251 00		7,331
Van Wert	12,088 50	6,066 22	6,022 28		8,002
Vinton	9,043 50	3,885 43	5,158 07		6,048
Warren	13,432 50	21,234 21		7,801 71	9,039
Washington	22,951 50	12,540 17	10,411 33		15,405
Wayne	20,463 00	23,201 50		2,738 50	13,875
Williams	11,824 50	7,642 30	4,182 20		7,854
Wood	16,828 50	9,334 47	7,494 03		11,487
Wyandot	11,202 00	10,591 53	610 47		7,501
Totals	$1,564,021 60	$1,519,176 88	$234,770 87	$189,926 15	1,044,479

TABLE SHOWING THE ENUMERATION OF SCHOLARS BETWEEN THE AGES OF SIX AND TWENTY-ONE YEARS, AND THE DISTRIBUTION OF INTEREST TO THE SEVERAL COUNTIES IN THE VIRGINIA MILITARY, UNITED STATES MILITARY, AND CONNECTICUT WESTERN RESERVE SCHOOL DISTRICTS, ACCRUING IN THE YEAR 1879, PAYABLE AFTER JANUARY 1, 1880.

Counties.	Virginia Military District.		United States Military District.		Connecticut Western Reserve District.	
	Number of scholars.	Interest to be distributed.	Number of scholars.	Interest to be distributed.	Number of scholars.	Interest to be distributed.
Adams	8,261	$826 67				
Ashland					647	$62 24
Ashtabula					10,338	994 09
Auglaize	76	7 60				
Brown	11,328	1,133 59				
Champaign	2,555	255 67				
Clarke	906	90 66				
Clermont	11,862	1,187 03				
Clinton	8,170	817 56				
Coshocton			8,878	$825 70		
Cuyahoga					57,612	5,540 27
Delaware	946	94 66	7,762	721 91		
Erie					11,726	1,128 47
Fayette	6,557	656 15				
Franklin	5,383	538 67	4,589	426 80		
Geauga					3,714	357 11
Greene	6,747	675 16				
Guernsey			7,023	653 18		
Hamilton	1,149	145 00				
Hardin	2,625	262 67				
Highland	10,303	1,031 01				
Holmes			5,127	476 85		
Huron					9,929	954 73
Knox			8,171	759 95		
Lake					5,097	490 04
Licking			11,944	1,110 87		
Logan	4,342	434 53				
Lorain					10,631	1,022 21
Madison	6,419	643 34				
Mahoning					10,033	964 70
Marion	960	96 06	597	55 52		
Medina					6,376	613 05
Morrow			2,273	211 40		
Muskingum			9,003	837 33		
Noble			41	3 81		
Ottawa					1,002	96 34
Pickaway	4,483	448 61				
Pike	4,026	402 88				
Portage					7,775	747 57
Ross	10,059	1,006 60				
Scioto	2,826	282 79				
Summit					11,588	1,114 28
Trumbull					14,149	1,360 66
Tuscarawas			12,182	1,133 01		
Union	7,331	733 61				
Warren	3,443	344 74				
Totals	121,057	$12,114 26	77,590	$7,216 33	160,617	$15,445 75

NOTE.—The amount of principal upon which the preceding table of interest is computed is as follows to wit: Virginia Military Fund, $185,876.68; United States Military Fund, $120,372.12; Connecticut, Western Reserve Fund, $257,429.21; Total, $563,578.01.

TABLE SHOWING THE AGGREGATE NET AMOUNT OF DEBTS OF ALL SEPARATE SCHOOL DISTRICTS IN THE STATE, AS REPORTED TO THE AUDITOR OF STATE.

Counties.	Debts of separate school districts.	Counties.	Debts of separate school districts.
Adams		Licking	$3,500 00
Allen	$3,000 00	Logan	39,658 44
Ashland	12,900 00	Lorain	36,500 00
Ashtabula	3,898 85	Lucas	330,247 75
Athens		Madison	
Auglaize	36,144 00	Mahoning	12,400 00
Belmont	37,242 19	Marion	2,899 23
Brown		Medina	6,000 00
Butler	34,380 00	Meigs	5,450 00
Carroll		Mercer	15,850 00
Champaign	64,910 00	Miami	5,145 00
Clarke	31,000 00	Monroe	7,657 71
Clermont	4,700 00	Montgomery	
Clinton		Morgan	
Columbiana	32,400 00	Morrow	9,100 00
Coshocton	6,000 00	Muskingum	28,834 01
Crawford	10,250 00	Noble	4,355 69
Cuyahoga	16,197 57	Ottawa	8,340 52
Darke	39,389 00	Paulding	11,500 00
Defiance	14,515 62	Perry	5,000 00
Delaware	3,088 89	Pickaway	
Erie	44,315 52	Pike	
Fairfield	14,030 12	Portage	8,250 00
Fayette		Preble	2,142 80
Franklin		Putnam	
Fulton	9,500 00	Richland	8,208 00
Gallia		Ross	
Geauga	17,580 00	Sandusky	5,932 00
Greene	3,835 52	Scioto	48,900 00
Guernsey	29,195 00	Seneca	30,000 00
Hamilton	12,068 24	Shelby	3,500 00
Hancock		Stark	82,419 01
Hardin	19,000 00	Summit	25,684 26
Harrison		Trumbull	16,473 00
Henry	32,500 00	Tuscarawas	51,867 84
Highland		Union	22,000 00
Hocking		Van Wert	9,000 00
Holmes		Vinton	
Huron		Warren	1,215 00
Jackson		Washington	11,636 41
Jefferson	5,843 66	Wayne	17,500 00
Knox		Williams	6,698 00
Lake	2,602 31	Wood	22,796 00
Lawrence		Wyandot	4,050 16
Total			$1,451,197 32

SUMMARY.

Indebtedness of separate school districts in 1878	$1,158,098 14
" " " 1879	1,451,197 32
Increase in indebtedness over 1878	$293,099 18

SCHOOL STATISTICS COLLATED FROM THE TWENTY-SIXTH ANNUAL REPORT OF THE STATE COMMISSIONER OF COMMON SCHOOLS.

[For the Annual Report of the Secretary of State.]

BY J. J. BURNS.

The following table is a summary of the leading facts shown in the tables compiled:

Number of youth of school age in the State in September, 1878	1,041,963
" " " " 1879	1,043,390
Number of school districts in the State	2,012
Number of sub-districts in township districts	10,842
Number of school-houses in township districts	10,874
Number of school-houses in other districts	1,209
Number of school-houses erected within the year	437
Cost of school-houses erected within the year	$580,801
Estimated value of school-houses, including grounds	$21,103,265
Number of teachers necessary to supply the schools	16,433
Number of different teachers actually employed	23,487
Average number of weeks the schools were in session	30
Number of pupils enrolled in the schools	734,651
Average number of pupils in daily attendance	459,990
Number of school officers	52,191
Total receipts, including balance on hand September 1, 1878	$11,243,210 38
Total expenditures	7,711,325 24

GENERAL TABULAR STATEMENTS AND COMPARISONS.

RECEIPTS.

Receipts from interest on irreducible funds, as reported by Auditor of State	$225,222 38
From rents and accrued interest on deferred payments due on sale of school lands	21,021 62
The aggregate amount from the latter source in 1878 was	6,568 23
Balance on hand September 1, 1878	3,495,725 70
From State school tax (one mill on each dollar of taxable property) in 1879	1,543,908 84
From interest on irreducible funds and rents of school lands	246,244 00
From local taxes	5,458,101 26
From sale of bonds	268,445 89
From fines, licenses, etc	230,784 69
Total receipts	$7,747,484 68
Grand total of receipts in 1879, including balance on hand Sept. 1, 1878	$11,243,210 38

EXPENDITURES.

Total amount paid teachers	$4,937,013 68
Amount paid for superintending schools	144,127 93
Amount paid for sites and buildings	816,216 88
Amount paid for interest on and redemption of bonds	587,005 75
Amount paid for fuel and contingent expenses	1,226,961 00
Grand total expenditures	$7,711,325 24

ENUMERATION OF YOUTH.

Number of white male youth of school age in September, 1879	522,213
Number of white female youth of school age in September, 1879	496,582
Whole number of white youth of school age in 1879	1,018,795

The whole number of unmarried youth between sixteen and twenty-one years of age in the State, in September, 1879, as shown by the enumeration returns, is 273,250, or 26.19 per cent. of the entire enumeration. This leaves youth in the State between six and sixteen years of age, 770,070.

In 1878 the whole number of unmarried youth in the State between sixteen and twenty-one years of age was 26.19 per cent.; in 1877, 26.27 per cent.; in 1876, 25.51 per cent.; in 1875, 25.60 per cent.; in 1874, 24.68 per cent.; and in 1873, 23.89 per cent. of the entire enumeration.

SCHOOL DISTRICTS AND THEIR SUBDIVISIONS.

Number of township districts	1,346
Number of sub-districts in township districts	10,842
Number of city, village, and special districts	666

SCHOOL-HOUSES ERECTED WITHIN THE YEAR.

Number of school-houses in township districts	400
Number of school-houses erected in city, village, and special districts	37
Whole number of school-houses erected	437

An increase of thirty-two in the number of school-houses erected in township districts was reported in 1873; an increase of thirty in 1874; a decrease of forty in 1875; a decrease of nine in 1876; a decrease of twenty-one in 1877; a decrease of five in 1878; and a decrease of forty-two in 1879.

In city, village, and special districts, an increase of eight in 1873; an increase of seven in 1874; an increase of five in 1875; an increase of fourteen in 1876; a decrease of thirty-eight in 1877; a decrease of four in 1878; and a decrease of two in 1879—making a decrease of forty-four in the State for the year just named.

COST OF SCHOOL-HOUSES ERECTED WITHIN THE YEAR.

Cost of school-houses erected in township districts	$351,627
Cost of school-houses erected in city, village, and special districts	229,174
Whole cost of school-houses erected	$580,801

The expenditure for building purposes was—in 1870, $1,391,597; in 1871, $1,025,077; in 1872, $893,422; in 1873, $1,008,786; in 1874, $1,164,104; in 1875, $1,010,786; in 1876, $1,159,350; in 1877, $803,146; in 1878, $843,822; in 1879, $580,801.

VALUE OF SCHOOL-HOUSES, INCLUDING GROUNDS.

Value of school houses in township districts	$8,059,584
" " city, village, and special districts	13,043,671
Total value of school-houses	$21,103,255

NUMBER OF SCHOOL OFFICERS.

Number of local directors in township sub-districts	32,526
Number of local directors, members of township district boards	10,842
Number of clerks of township district boards	1,346
Number of treasurers of township district boards	1,346
Members of city, village, and special district boards (probable)	4,000
County, city, village, and special district treasurers not members, etc., (probable)	500
City and village district examiners (probable)	500
County examiners	264
State examiners	3
Probate judges	88
County auditors	88
Prosecuting attorneys	88
Total	52,191

NUMBER OF TEACHERS NECESSARY TO SUPPLY THE SCHOOLS.

Number necessary to supply the schools in township districts	11,423
Number necessary to supply the schools in city, village, and special districts	5,010
Total number necessary to supply all the common schools	16,433

SUPERVISION.

Number employed to superintend township districts in 1879	90
Number employed as superintendents in city, village, and special districts in 1879.	186

AVERAGE MONTHLY WAGES OF TEACHERS.

Average monthly wages of teachers in township district primary schools—	
Gentlemen—in 1879	$35 00
Ladies— "	23 00

Average monthly wages of teachers in township district high schools—	
Gentlemen—in 1879	$56 00
Ladies— "	37 00
Average monthly wages of teachers in city, village, and special district primary schools—	
Gentlemen—in 1879	$63 00
Ladies— "	42 00
Average monthly wages of teachers in city, village, and special district high schools—	
Gentlemen—in 1879	$72 00
Ladies— "	63 00

AVERAGE NUMBER OF WEEKS THE SCHOOLS WERE IN SESSION.

Average number of weeks the primary schools were in session in township districts	28
Average number of weeks the high schools were in session in township districts	28
Average number of weeks the primary schools were in session in city, village, and special districts	36
Average number of weeks the high schools were in session in city, village, and special districts	38
Average number of weeks the common schools were in session in the State	30

AVERAGE RATE OF LOCAL TAX FOR COMMON SCHOOLS.

Average number of mills on each dollar, local levy, for schools in township districts in 1879	3.10
Average number of mills on each dollar, local levy, for schools in township districts in 1878	3.20
Decrease	.10

LOCAL LEVY.

Average number of mills on each dollar, local levy, for schools in city, village, and special districts in 1879	6.20
Average number of mills on each dollar, local levy, for schools in city, village, and special districts in 1878	6.30
Decrease	.10

Average daily attendance of pupils in common schools of the State—	
Boys	237,759
Girls	222,231
Total	459,990
Per cent. of average daily attendance on enrollment in the State	64.05
" " " in 1879 on enumeration of September, 1878.	44.14
Per cent. of enrollment in 1879, on enumeration of September, 1878	68.92
Average cost per capita of the average daily attendance	$16 46
Average cost per capita of the enrollment	10 31

Average cost per capita of the population between 6 and 16 years of age, estimated on year's expenditures	$8 22
Average cost per capita of the population between 6 and 16 years of age, including 6 per cent. on permanent property	9 84

EXAMINATION OF TEACHERS.

Number of meetings held by county boards	1,422
Number of certificates granted for 24 months to gentlemen	543
" " " " ladies	136
Total number	679
Number of certificates granted for 18 months to gentlemen	1,857
" " " " ladies	893
Total number	2,750
Number of certificates granted for 12 months to gentlemen	5,924
" " " " ladies	4,265
Total number	10,189
Number of certificates granted for 6 months to gentlemen	5,762
" " " " ladies	5,633
Total number	11,400
Total number of certificates granted to gentlemen	14,086
" " " ladies	10,932
Total number of certificates granted in 1879	25,018

NORMAL SCHOOLS.

For 1878, six normal schools reported to this office the employment of forty-five regular instructors, and an attendancc of 1,647 gentlemen and 783 ladies—total, 2,430. Four of the six schools graduated 78 gentlemen and 43 ladies—total, 121. Two did not report any graduates.

For the year 1879, seven normal schools reported, giving fifty-four regular instructors, and showing an attendance of 1,759 gentlemen and 1,025 ladies—total, 2,784. Three of the seven reported 57 gentlemen graduated, and five reported 106 ladies graduated—total, 163. Two did not report any graduates.

COLLEGES AND UNIVERSITIES.

Reports were received from twenty-eight in 1878, and from thirty-three in 1879. In 1878, twenty-eight reported three hundred regular instructors, and in 1879, thirty-three reported two hundred and eighty-nine. Twenty-eight reported 5,934 students in attendance in 1878, and thirty-three reported 6,240 in 1879. For 1878, twenty-two reported 2,210 in regular course, twenty-five reported 1,107 in 1879. In 1878, twenty-seven re-

ported 348 students who graduated in regular course, thirty reported 380 in 1879. For 1878, twenty-five reported an aggregate yearly income of $309,381, twenty-four reported $270,720 in 1879.

ACADEMIES AND OTHER PRIVATE SCHOOLS.

Twenty reported 131 regular instructors, and 4,369 students in attendance in 1878. Nineteen reported 97 regular instructors, and twenty reported 2,100 students for the year 1879.

FEMALE COLLEGES, SEMINARIES, ETC.

In 1878, six institutions reported 65 regular instructors, 344 students in attendance, and 55 graduates. Eleven institutions reported 112 instructors, 907 students, and 74 graduates in 1879, and a number of institutions made no report.

SCHOOL-HOUSES.

The character of our school-houses is slowly improving. Commonly the new ones are superior to the old ones they replace; still there would be much more rapid progress, and a saving of large sums of money, if more knowledge and skill were mixed with the bricks and mortar. Where—all valid considerations being known—the school-house will be located sometimes defies all attempts at prediction.

There are yet standing, hundreds of little pens in which children sit in penitential discomfort, drinking in disease with the air they breathe, and, in winter, with damp, cold feet and feverish faces.

Formal dedications of the new houses in our towns and cities are coming more into vogue, and if "education is a better safeguard to our Republic than a standing army," each school-house erected is a fortification, with a recruiting office attached, and it is highly proper, from a patriotic point of view, to make the time of consecrating a school-house to the cause of popular education, a day of rejoicing, and of pledging ourselves again to the performance of the trust to pay to our children the debt we owe our fathers—a law ordained by Heaven to make society possible.

SUBDIVISION OF TERRITORY.

Is the science of education so simple a science, embracing, as it does, some knowledge of the various branches of study and their relative worth, a competent knowledge of the needs, physical, intellectual, and moral, of the rising generation, and of the appliances, teachers, books,

and houses, whereby those needs may be supplied, is it, I frankly ask, so simple a science that we may expect to find three or more men in every sub-district who comprehend it?

Still, in spite of reason's dictates, subdivision, instead of consolidation, seems the tendency, and it draws with it limited means, unfit school-houses, small wages, poor teachers, short terms, and poor schools. "Under this weakening process," Horace Mann said of Massachusetts, and it is true of Ohio, "many of our children have fared like southern fruits in a northern clime, where, owing to the coldness of the soil and the shortness of the season, they never more than half ripen."

Convenience of attendance, on the part of the small children, is the reason given for this state of things; but, while it is a valid consideration, it is not worth what is often sacrificed for it; and, besides, the township system does not necessarily mean that the primary schools are to be moved farther away, but that all the circumstances which should influence the locating and carrying on of good schools should have their due weight. But there has been a surfeit of discussion; the thing needed is action.

SUPERVISION.

I am still strongly possessed of the conviction that our school system would be more efficiently administered, and that, in time, a great saving of cost would result from the addition of a judicious system of supervision for our township schools.

As a proof of the connection of education with one or two other problems, I use a few figures and inferences taken from the last report of the Chaplain of the Ohio State Prison.

Into this institution there were sent, during the year ending October 31, 1879, five hundred and eighty-three prisoners, sentenced for a variety of crimes. With 76 per cent. the trouble was a failure to discriminate between *meum* and *tuum*. Of the whole number, four hundred and forty-seven claimed to be able to read and write, eighty one could read but not write, and fifty-five could neither read nor write. Classing as ignorant the one hundred and thirty-six who could not write, and we find that over 23 per cent. is furnished by the uneducated portion of community, the comparatively small fraction, so classed, when we make the mere ability to write one's name the test.

"Under the head of "previous occupation," we learn that about 36 per cent. of the criminals admitted were farm laborers and other day laborers, usually classed as uneducated or unskilled workmen. Last year the same item was '40 per cent.' Unskilled work means low wages, little savings, or no savings. Poverty is an almost certain result, and poverty and ignorance beget pauperism and wretched abodes, in which vice

flourishes, and from which tramps issue forth. Voluntary poverty and intemperance urge on to crime. Far be it from my purpose to set forth any necessarily evil results as flowing from a lack of riches, but I wish to note the temptations to those whose circumstances render almost unattainable the refining influences resulting from proper education."

"Society will have to see to it that all its youthful members are sent to school, and that this primary education is supplemented by further training of brain or hand so they may be prepared to battle for a living with the odds in their favor; and, at the same time, to charter fewer rum shops, with back doors leading to the State Penitentiary, before it can escape the charge of the French philosopher: 'Society prepares the crime which the criminal commits.'"

A grand result of education is seen in our asylums, our special schools for the training of those to whose brain the bright avenues of sight and hearing are closed, our reform schools, our infirmaries, our children's homes, even our penitentiaries. Infinitely more splendid will be the triumph of education over the enemies of man when we no longer need these institutions.

HIGH SCHOOLS.

No apology is needed for occupying a small space with this subject. Since the publication of the last report of this office a new blank was prepared and sent out directly to the principals of high schools, or in the smaller places to the superintendents. These were very generally filled out and returned. From the results the following summary was prepared.

We have there a source of information more definite than heretofore on some points, and on others, entirely new material to aid in forming a more just opinion concerning the cost of these departments, and the pervasiveness of the work done therein; and, consequently, their importance as a part of our system of popular education.

A comparison of tables will show the cause for the exaggeration in the popular mind of the amount of money invested in high-school property, and also of the number of such schools and their inferred yearly cost.

Not seldom the entire school of a village, or even city, is reported by the clerk to the county auditor, and by him to the Commissioner, as a high school; and the entire cost, buildings and all, is charged to the high-school account. One is at a loss to conjecture where, in some places, children learn to read, and write, and count—nothing but high schools!

Now, part of this originates in local pride. The thing sounds well. Part of it is pure carelessness, and part is mistiness of idea as to what a high school is. It is true, the definition of the term is not very clear, but perhaps not more cloudy than that other term, college.

But surely, any clerk of a school district ought to know that a school in which nothing beyond the six primary branches is taught is not a high school; that a school of five or six rooms, when it is the only school of the village, is not *all* a high school; that a building, one-half or three-fourths of which is occupied by pupils in the first five or six years of school life, is not entirely a high-school building.

One county reports high-school property $118,500, where a fair estimate is $50,000; another reports $39,500, and in the county there are but two high school-rooms, and the estimated cost of part of the building is in the one case $3,000, and in the other $1,000. These are but samples.

It is believed that the figures, which throw light upon the number of pupils in these schools, and the number who remain through the course, will be of much interest; and equally so, if not surpassing all else in importance, those which tell us *whose* children are found there. Not the children of the rich, nor the children of the poor, but the children of the *people*, and in about the same ratio as we should find them in the primary schools.

SUMMARIZED HIGH-SCHOOL STATISTICS FROM ONE HUNDRED AND FIVE REPORTS.

Number of buildings used for high-school purposes exclusively		9
Estimated value of same		$334,000 00
Number of rooms used for high-school purposes only		257
Estimated value of part of building or rooms thus used		$632,000 00
Aggregate amount paid principals for the year		$110,045 00
Portion of time given to teaching:		
Principals giving all time	54	
" " two-thirds time	5	
" " one-half time	17	
" " three-fourths time	8	
" " one-fourth time	2	
" " four-fifths time	4	
" " various portions of time	15	
	105	
Aggregate amount paid principals during the year for teaching		$82,001 00
Amount paid teachers for the year		226,825 00
Amount paid for instruction, including amount paid for supervision		247,662 00
Enrollment: Boys, 3,661; girls, 5,018; total		8,683
Withdrawals: " 1,076; " 1,119; total		2,195
Remaining: " 2,588; " 3,899; total		6,487
Graduated at close of the year by 91 schools: Boys, 378; girls, 746; total		1,124
Average age of pupils—first year: Boys, 16; girls, 15.		
Average age of graduates: Boys, 18; girls, 18.		
Entire number of graduates in history of 26 schools: Boys, 654; girls, 1,535; total		2,189
Entire number of graduates in history of 26 additional schools (unclassified as to sex)		3,69
Total graduates of 52 schools out of 105		5,88

OCCUPATIONS OF PUPILS' PARENTS.

Mechanics and laborers	2,903
Professional	824
Merchants	992
Small tradesmen	669
Farmers	100
Unclassified	3,194
Total	8,682

This table must include nearly everything that lays any proper claim to the title of high school. It embraces nearly all the school-rooms where anything beyond the common branches is taught. I say "nearly" in order to admit that some few have probably escaped our search, and some others, that are known, failed to report.

This table is the result of direct inquiry, and, omitting from the list what had no claim to be in it, gives 257. Instead of $417,553.40, as the amount spent for tuition in high schools in 1879, this table has it $247,662.

The estimated cost of buildings and parts of buildings, not embracing their proportionate share of the cost of the site, is $966,000, or four and one-half per cent. of the amount invested in school property in the State.

With this table as a basis, one and two-tenths of the pupils enrolled in the State were enrolled in the high schools, and five per cent. of the amount paid teachers was paid for the instruction of these pupils. Allowing for the greater length of the high-school year, there is about one and one-half per cent. of the entire attendance in the high schools.

Plainly, the number of schools erroneously reported in this category are schools of less cost, and will increase the attendance in much greater ratio than the expenditure. Hence, the table in which these are included, causes four per cent. of the entire enrollment to appear in the high schools, with the cost for tuition increased to but eight and four-tenths per cent. I believe the former figures to be much nearer the truth, and that the cost of high school instruction per capita, including amount invested in buildings, or parts of buildings, is about three times the average cost per capita in the schools of the State.

This view of the matter is from the bare pecuniary standpoint, and there is nothing surprising in the result. No reasonable person expects the education of a hundred children between the ages of ten and fourteen, to cause just the same outlay of money that it did from six to ten. The increase here is as natural as the additional cost of food and clothing.

I have stated that no distinct line of demarkation separates our high schools in Ohio from the grammar or intermediate schools which lead

up to them, and hinted at the difficulty this contributes to certain phases of the problem of secondary education. But while this is unfortunate when we are pondering the question how many years shall constitute the common school course, or how far shall the State provide for the education of its youth—matters of State economy or public policy—from a professional point of view, it is perfectly immaterial. As the science of education unfolds more and more clearly in the minds of teachers and school officers, doubtless some things now thought of much importance will be rejected from the course, while more will be added to the list of essentials to the intellectual outfit of every citizen.

If any student of human nature has found a limit to man's capacity for improvement, he may mark off the space from birth to that point by signs to indicate that *here* should cease the mental and moral development of those who are to labor with their hands; *here* the professional workman may give over further preparatory effort; here is the Mount Nebo on which stood the vain leader of human thought, and discovered that there is no promised land beyond

But there is no such limit. Human nature is susceptible of infinite increments of growth, and no such divisions can be logically based upon the conditions of success in the various callings of life, nor upon the nature of the human mind.

No matter whether we regard the school as established primarily for the good of the children, or for the preservation of the State, we must admit that the most valuable result of all education is the building of good characters. This, to speak definitely, is to instill correct principles and train in right habits. Citizens with these "constitute a State." Men and women with these are in possession of what best assures rational happiness, the end and aim of human life.

These vital lessons are not, in our schools, taught in classes, learned out of books. Indeed, the greater part of them can not so be learned. Pupils are not examined in them, and hence they do not have much influence in determining those exponents of success called "per cents."

I am not forgetting that we grade for "deportment," and that deportment is a sort of outside view of character. But our sight is very short even when we attempt to trace *actions* back to their causes, and we are entirely blind to the evil intention which never met its opportunity, to the fierce but quiet combat against wrong impulses, where nothing marks the victory but a continued walk in the path of right.

Yet, in every properly conducted school, these lessons are being given. The faithful teacher is following an unwritten curriculum, and training his pupils in truthfulness, honesty, obedience to law, neatness, cheerful-

ness, kindness in that divine summing up of active virtues, the Golden Rule. He is acting lectures on these themes, and constantly, by his own example, pleading at the door of the child's moral nature for all that is true, beautiful, and good.

Pure sentiments, generous promptings, love for God and man, should be the fruits of a liberal education. If the child grows into this inheritance, he has riches which he can keep and yet give away, which he will carry out of the world, yet leave behind to build his noblest monument.

JUDICIAL STATISTICS,

AS REPORTED BY CLERKS OF COURTS.

FINES, COSTS, AND FORFEITED RECOGNIZANCES IN CRIMINAL CASES, IN OHIO, FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Fines.			Costs.			Forfeited recognizances.		
	Amount assessed.	Amount collected.	Amount probably collectible.	Total costs taxed.	Amount taxed against defendants.	Amount collected from defendants.	Amount forfeited.	Amount collected.	Amount collectible.
Adams	$127	----	$5	$4,577	$950	$14	----	----	----
Allen	360	$70	210	1,554	1,533	142	----	----	----
Ashland	80	70	10	541	97	30	$200	----	----
Ashtabula	----	----	----	----	----	----	----	----	----
Athens	70	70	----	41	41	41	----	----	----
Auglaize	36	31	5	1,160	950	114	----	----	----
Belmont	300	300	----	904	216	25	----	----	----
Brown	165	----	50	3,371	1,987	----	----	----	----
Butler	665	287	113	2,382	2,382	243	----	----	$900
Carroll	148	148	----	257	139	107	----	----	----
Champaign	2,150	1,115	425	2,010	1,095	547	1,250	----	----
Clarke	3,115	2,875	80	2,718	2,343	1,648	600	$250	----
Clermont	500	275	200	2,270	850	245	----	----	----
Clinton	759	435	23	3,464	2,894	553	----	----	----
Columbiana	2,253	1,773	----	4,287	3,298	931	----	----	----
Coshocton	365	267	17	2,213	1,355	330	----	----	----
Crawford	41	15	----	1,643	1,074	34	800	----	800
Cuyahoga	2,130	80	----	9,865	4,250	136	12,750	----	----
Darke	1,008	790	245	330	205	25	3,150	1,175	1,175
Defiance	115	75	40	815	310	187	----	----	----
Delaware	130	85	20	490	490	49	----	----	----
Erie	85	----	75	2,674	1,550	1,608	----	----	----
Fairfield	186	60	----	2,600	2,600	300	500	----	----
Fayette	65	----	----	234	175	25	----	----	----
Franklin	160	85	20	6,102	3,425	121	600	----	600

JUDICIAL STATISTICS,

AS REPORTED BY CLERKS OF COURTS.

FINES, COSTS, AND FORFEITED RECOGNIZANES IN CRIMINAL CASES—Continued.

Counties.	Fines.			Costs.			Forfeited recognizances.		
	Amount assessed.	Amount collected.	Amount probably collectible.	Total costs taxed.	Amount taxed against defendants.	Amount collected from defendants.	Amount forfeited.	Amount collected.	Amount collectible.
Preble	$540	$210	$135	$837	$797	216			
Putnam	1,725	863	647	3,529	2,743	404	$300		$300
Richland	50	50		2,426	934	47			
Ross	215	10	90	422	322	67			
Sandusky	1				1,780				
Scioto	240	54	21	2,456	2,456	2,117			
Seneca	85	15	5	1,631	477	19			
Shelby	1,265	500	1,000	1,012	143	140			
Stark	60,280	126		4,678	3,976	60	1,500	$1,000	1,500
Summit	735	175	20	3,296	2,514	324	800	500	300
Trumbull	397	130		2,020	1,841	226			
Tuscarawas	525	240	50	263	263		25	25	
Union	1,285	475	165	1,181	1,181	486	300		300
Van Wert	57	6	50	107	14	13			
Vinton	135	35	25	716	406	43			
Warren	955	343		2,843	399	271			
Washington	240	48	51	2,063	1,082	171			
Wayne	360	325	10	378	378	167	300		300
Williams	91	26	55	1,137	852	144			
Wood	45	20		2,613	934	335	200		200
Wyandot	105	65	10	1,398	1,398	94	1,500	300	600
Totals	$113,640	$19,693	$8,379	$159,453	$108,951	$22,199	$40,225	$6,450	$8,675

Fractions omitted in totals.

CIVIL JUDGMENTS IN OHIO FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Number rendered.	Number for money only.	Other judgments in which money is included.	Amount adjudged due.	Average amount of each judgment.	Number of decrees.
Adams	71	71	----------	$35,187	495	65
Allen	170	156	14	46,551	273	28
Ashland	220	150	70	88,000	400	70
Ashtabula	162	101	61	131,906	814	33
Athens	111	79	32	175,418	1,580	----------
Auglaize	125	70	55	29,700	237	15
Belmont	428	289	139	285,866	667	156
Brown	235	177	58	142,127	604	23
Butler	360	262	98	334,568	929	98
Carroll	133	109	24	103,608	779	48
Champaign	204	108	96	260,599	638	301
Clarke	415	377	38	255,331	615	195
Clermont	294	122	172	276,080	939	44
Clinton	191	106	85	139,835	732	188
Columbiana	177	98	79	380,089	2,147	68
Coshocton	152	123	29	118,813	781	37
Crawford	160	110	50	102,545	640	11
Cuyahoga	1,401	907	494	2,405,913	1,717	164
Darke	265	225	40	150,668	568	109
Defiance	151	90	61	87,709	580	22
Delaware	307	159	148	199,378	649	205
Erie	105	55	50	141,431	1,346	95
Fairfield	289	195	94	131,900	456	36
Fayette	288	224	----------	230,880	1,030	64
Franklin	758	628	130	827,258	1,091	516
Fulton	157	121	36	55,929	462	6
Gallia	127	67	60	103,814	687	24
Geauga	40	30	10	33,617	840	7
Greene	394	319	75	268,462	681	46
Guernsey	110	90	20	92,446	840	59
Hamilton	1,099	863	----------	1,231,734	1,427	1,221
Hancock	199	114	85	105,536	599	85
Hardin	325	121	204	117,836	362	87
Harrison	174	137	42	157,989	882	13
Henry	263	93	170	77,351	294	170
Highland	121	101	20	104,707	865	13
Hocking	102	64	38	75,000	735	48
Holmes	94	29	65	56,430	600	40
Huron	151	80	71	96,117	636	53
Jackson	109	93	16	79,394	728	40
Jefferson	128	78	----------	135,626	1,738	50
Knox	363	341	22	135,808	374	36
Lake	90	35	55	106,139	1,179	42
Lawrence	140	100	40	105,469	753	25
Licking	155	87	68	192,295	1,240	68
Logan	219	176	43	105,899	483	19
Lorain	158	52	106	134,587	851	91
Lucas	2,149	987	1,162	1,179,110	548	147
Madison	172	172	----------	122,059	709	28
Mahoning	129	129	----------	275,062	2,132	76
Marion	165	102	63	99,000	600	43
Medina	126	61	75	93,060	738	48
Meigs	146	120	26	124,214	850	14
Mercer	98	75	23	40,987	418	32
Miami	178	178	3	123,112	612	----------
Monroe	68	23	45	24,693	363	----------
Montgomery	997	685	312	361,108	362	441
Morgan	105	105	----------	48,104	458	17

CIVIL JUDGMENTS IN OHIO FOR THE YEAR ENDING JUNE 30, 1879—Continued.

Counties.	Number rendered.	Number for money only.	Other judgments in which money is included.	Amount adjudged due.	Average amount of each judgment.	Number of decrees.
Morrow	65	65	.....	$88,567	1,362	87
Muskingum	210	126	84	143,054	686	195
Noble	67	50	17	34,651	517	36
Ottawa	222	115	107	97,056	437	37
Paulding	101	34	67	40,838	404	66
Perry	194	63	131	104,025	536	48
Pickaway	338	203	135	162,723	481	109
Pike	83	47	36	34,209	412	10
Portage	107	62	45	114,621	1,071	37
Preble	117	86	31	72,600	620	56
Putnam	180	111	69	85,485	474	39
Richland	296	217	79	178,765	603	55
Ross	204	204	.....	157,172	770	59
Sandusky	180	62	118	124,742	693	25
Scioto	271	159	112	273,581	1,009	28
Seneca	157	89	68	159,456	1,015	92
Shelby	185	160	25	82,713	447	62
Stark	300	300	.....	309,163	1,030	65
Summit*	165	120	45	69,887,116	423,558	121
Trumbull	680	460	220	144,825	212	229
Tuscarawas	105	40	65	62,068	591	65
Union	363	280	83	171,994	473	45
Van Wert	228	128	100	133,134	583	332
Vinton	120	96	24	43,042	358	22
Warren	366	200	166	188,670	515	188
Washington	243	122	121	106,571	438	22
Wayne	310	181	129	220,343	710	40
Williams	98	62	36	75,918	774	30
Wood	309	169	140	177,568	574	215
Wyandot	496	307	189	130,232	262	97
Totals	22,988	15,137	7,504	$86,748,956	.....	8,182

*The large average in Summit county is the result of the railroad suits in that county.

PROSECUTIONS FOR CRIMES AGAINST THE PERSON, IN OHIO, FOR THE YEAR ENDING JUNE 30, 1878.

Counties.	Indictments pending July 1, 1878, and persons indicted.		Indictments found within the year, and persons indicted.		Total number of indictments and persons.		Terminated by death.		Indictments quashed and laid away.		Nolle prosequi entered.		Execution.		Imprisonment in the penitentiary.		Imprisonment in the county jail only.		Fine only.		Fine and imprisonment in county jail or work-house.	
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.
Adams	6	6	5	5	11	11					1	1							1	1		
Allen	8	9	11	83	19	92			4	4	3	3							4	4		
Ashland	1	1	3	3	4	4																
Ashtabula	8	8	10	17	18	25																
Athens			6	3	6	9																
Auglaize	3	3	11	7	14	11																
Belmont	5	5	6	5	11	11																
Brown	8	8	11	7	19	15																
Butler	23	23	6	5	29	28																
Carroll	12	12	8	8	20	20																
Champaign	11	11	3	3	14	14																
Clarke	16	16	8	8	24	24																
Clermont	20	20	16	15	36	35																
Clinton	20	20	17	17	37	37																
Columbiana	36	36	2	2	38	38																
Coshocton	7	7			7	7																
Crawford	12	12	11	5	23	17	1	1														
Cuyahoga	34	34	34	25	68	59	3	3														
Darke	71	71	25	23	96	94																
Defiance	12	12	2	2	14	14																
Delaware	8	8	6	6	14	14																
Erie	15	15	3	3	18	18	1	1														
Fairfield	29	29	18	12	47	41																
Fayette	18	18	41	25	59	43	3	1														
Franklin	59	59	19	16	78	75																
Fulton	11	11	8	7	19	18																
Gallia	34	34	25	21	59	55	1	1														
Geauga	13	13	13	10	26	23																
Greene	36	36	13	13	49	49																
Guernsey	10	10	6	6	16	16																
Hamilton	14	14	33	33	47	47																
Hancock	4	4	6	6	10	10																
Hardin	13	13	19	19	32	32																
Harrison	3	3	10	10	13	13																
Henry	6	6	28	28	34	34																
Highland	10	10	8	8	18	18																
Hocking	3	3	6	6	9	9																
Holmes	3	3	6	6	9	9																
Huron	10	10	12	12	22	22																
Jackson	4	4	6	6	10	10																
Jefferson	13	13	15	15	28	28																
Knox	3	3	11	11	14	14																
Lake	6	6	5	5	11	11																
Lawrence	19	19	14	14	33	33																
Licking	10	10	18	18	28	28																
Logan	8	8	11	11	19	19																
Lorain	10	10	18	18	28	28																
Lucas	19	19	19	19	38	38																
Madison	4	4	6	6	10	10																
Mahoning	13	13	16	16	29	29																
Marion	3	3	10	10	13	13																
Medina	6	6	30	30	36	36																
Meigs	8	8	6	6	14	14																
Mercer	3	3	6	6	9	9																
Miami	9	9	15	15	24	24																
Monroe	3	3	3	3	6	6																
Montgomery	19	19	19	19	38	38																
Morgan	3	3	3	3	6	6																
Morrow	3	3	6	6	9	9																
Muskingum	10	10	15	15	25	25																
Noble	3	3	3	3	6	6																
Ottawa	3	3	6	6	9	9																
Paulding	3	3	3	3	6	6																
Perry	3	3	6	6	9	9																
Pickaway	6	6	6	6	12	12																
Pike	3	3	3	3	6	6																
Portage	6	6	11	11	17	17																
Preble	3	3	6	6	9	9																
Putnam	3	3	3	3	6	6																
Richland	6	6	11	11	17	17																
Ross	6	6	11	11	17	17																
Sandusky	6	6	11	11	17	17																
Scioto	6	6	11	11	17	17																
Seneca	6	6	11	11	17	17																
Shelby	6	6	11	11	17	17																
Stark	6	6	11	11	17	17																
Summit	6	6	11	11	17	17																
Trumbull	6	6	11	11	17	17																
Tuscarawas	6	6	11	11	17	17																
Union	6	6	11	11	17	17																
Van Wert	6	6	11	11	17	17																
Vinton	6	6	11	11	17	17																
Warren	6	6	11	11	17	17																
Washington	6	6	11	11	17	17																
Wayne	6	6	11	11	17	17																
Williams	6	6	11	11	17	17																
Wood	6	6	11	11	17	17																
Wyandot	6	6	11	11	17	17																

PROSECUTIONS FOR CRIMES AGAINST THE PERSON—Continued.

Counties.	Indictments pending July 1, 1878, and persons included.		Indictments found within the year, and persons included.		Total number of indictments and persons.		Terminated by death.		Indictments quashed and laid away.		Nolle prosequi entered.		Execution.		Imprisonment in the penitentiary.		Imprisonment in the county jail only.		Fine only.		Fine and imprisonment in the county jail or work-house.	
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.
Guernsey	1	1	11	14	12	15			1	1	2	2							7	10	1	1
Hamilton	34	40	59	63	93	103					5	5			13	13	6	6	1	1		
Hancock	1	1	12	14	13	15			1	2	2	2							7	7		
Hardin	2	2	14	17	16	19					2	2							3	4		
Harrison			2	2	2	2													1	1		
Henry			2	2	2	2																
Highland	9	11	18	15	27	26					7	7			3	3			1	1	1	1
Hocking	8	11	3	4	11	15			3	5					3	3			5	5		
Holmes			6	8	6	8			1	1												
Huron			19	18	19	18					5	5			2	2	1	1	13	13		
Jackson	6	12	14	18	22	30			2	2	4	4							3	3		
Jefferson	11	11	3	4	14	15					6	8			2	2			3	3		
Knox	2	4	13	13	15	17			1	2	1	1			2	2	1	1	3	3		
Lake	1	1	3	3	4	4									1	1			1	1		
Lawrence	1	1	11	12	12	13					1	1			5	5	1	1	1	1		
Licking	4	11	18	10	22	21					1	1			1	1			4	4		
Logan	1	2	9	9	10	10													2	2		
Lorain	1	1	13	16	14	16					9	9			1	1			3	3		
Lucas	15	19	33	33	48	52			6	6	2	2			7	7	3	3	4	4		
Madison	8	8	12	12	20	20					2	2			2	2	1	1	3	3		
Mahoning			7	7	7	7			2	2	2	2			1	1			1	1		
Marion	3	3	8	11	11	14					4	4			1	1			1	1		
Medina	3	3	4	4	7	7					1	1							1	1		
Meigs	6	6	6	6	12	12																
Mercer	3	3	2	2	5	5													3	3		
Miami			1	1	1	1									1	1			2	2		
Monroe	4	4	11	12	15	16					3	3			1	1			3	6	1	1
Montgomery	3	3	13	13	16	16					2	2			1	1						
Morgan	4	4	17	20	21	24					1	1										

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PROSECUTIONS FOR CRIMES AGAINST THE PERSON—Continued.

Counties.	Sent to Reform School.		Acquittal.		Total cases disposed of.		Failure to arrest.		Escape.		Trial not commenced.		Trial commenced and continued.		Total still pending.		Defendant's counsel paid by county.		Amount paid defendant's counsel by county.	No. of crimes probably committed under the influence of intoxicating liquors.		Total number of convictions.
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		No. indictments.	No. persons.	
Adams			1	1	4	4	3	3			2	2	2	2	7	7	1	1		2	2	2
Allen			6	3	15	18	2	2			1	1	1	1	4	4						5
Ashland					4	4													650 00			
Ashtabula			3	3	21	21	1	1	1	1	2	2			4	4						3
Athens			2	2	14	15	1	1			1	1	2	2	3	3						3
Auglaize					5	6									2	2						2
Belmont					9	9									2	2						2
Brown			1	1	5	4									2	2						2
Butler			3	3	8	6	3	3							4	4						4
Carroll			3	3	18	19									4	6						4
Champaign			1	1	4	4																
Clarke			1	1	11	12					4	4	4	4	4	4	2	2				4
Clermont					10	11	3	3			7	8	1	1	4	4	1	1	30 00			4
Clinton					13	16	1	1			2	2	1	1	4	4			20 00			4
Columbiana			2	2	32	31							5	5	5	5	6	6	200 00	1	1	5
Coshocton			2	1	7	7									2	2	2	2	75 00			2
Crawford			1	1	7	7					1	1	1	1	4	4	1	1				1
Cuyahoga			4	4	26	26					3	4			5	5	9	9				9
Darke			4	4	11	11					8	8	1	1	8	8	4	4	90 00	10	4	8
Defiance			1	1	9	9					2	2	1	1	2	2						2
Delaware			1	1	5	7	1	1							1	1				3	3	1
Erie			2	2	10	13					2	2			2	2						2
Fairfield			3	3	10	16							4	4	9	9	8	8	150 00	3	3	8
Fayette					9	9											5	5				5
Franklin			4	6	25	35	5	5			4	4			7	7	6	7	270 00			7
Fulton					10	11	1	1									1	1				1
Gallia			1	1	19	24	3	3			2	2			10	10	4	4	57 50	15	16	4
Geauga			2	2	9	9	1	1							4	4	2	2	50 00	5		4

Greene	1	1	2	2	26	26	7	7			2	2	1	1	18	10	2	2	50 00	2	2	19
Guernsey			1	1	12	15											1	1	50 00	2	2	11
Hamilton			3	3	27	29	1	1			59	67	6	6	66	74	18	18				21
Hancock					11	11					2	4			2	4				2	2	8
Hardin			2	2	12	14	1	1	1	2			2	2	4	5						8
Harrison					2	3														1	1	3
Henry											2	2			2	2						
Highland			1	1	12	12					15	14			15	14	1			1		4
Hocking			1	1	8	13			1	1			2	1	3	2	1	1	125 00	4	6	7
Holmes			1	1	5	7	1	1							1	1				3		5
Huron			1	1	10	11					9	7			9	7		1	60 00	1	8	5
Jackson			2	3	20	25	1	2			1	3			2	5	1	1	67 00			16
Jefferson			1	1	14	15											7	9		2	3	5
Knox					12	14	1	1					2	2	3	3	2	3	220 00	1	1	4
Lake					4	4											2	2		1	1	3
Lawrence	3	3			12	11					1	1			1	1						11
Licking			3	4	8	10	1	1					4	10	5	11	3		20 00			5
Logan			2	2	7	7	1	1			1	1	1	1	3	3	2	2	225 00	2	2	5
Lorain					13	17					1	1			1	1	1		25 00	1	1	8
Lucas		1	3	6	36	38					12	13		1	12	14						21
Madison			3	3	15	15	5	5							5	5	5	5	250 00			10
Mahoning				2	4	7							3	5	3	5	2	5	125 00			3
Marion			3	5	10	13	1	1							1	1				1	1	4
Medina					7	7																3
Meigs					2	2	7	8	1	1	1	1			9	10						1
Mercer					2	4					1	1			1	1				2	3	3
Miami			1	1	11	12																11
Monroe			1	1	8	7	1	1			4	4			5	5	3	3	75 00	2	2	4
Montgomery			2	2	15	18					4	6			4	6	6	7				14
Morgan			1	1	4	4	4	4							4	4						2
Morrow					7	9					1	1	1	1	2	2						8
Muskingum			3	3	8	10					1	1			1	1	1	1	100 00			3
Noble			1	1	5	5																4
Ottawa					3	3																1
Paulding					2	3					2	3	1	1	3	4	1	1				2
Perry					10	11			1	1	1	1			2	2	3		155 00	8		10
Pickaway					12	14							3	3	3	3	2	2				12
Pike			3	3	8	10	1	2							1	2	1		40 00	1		7
Portage			1	1	3	3					4	4			4	4		1	100 00		1	1
Preble					10	10												4	80 00			10
Putnam			2	2	6	6		2					1	1	1	3				1	1	4
Richland	1	1	3	3	14	14							1	1	1	1	4	5		3	5	8
Ross					22	23											2	2	65 00			13
Sandusky			3	4	17	14					3	3			3	3	5	5		2	3	3
Scioto				1	15	19	2	2			1	1			3	3	4	4		3	3	8
Seneca			1	2	12	17		1					1	1	1	2						10
Shelby			1	1	4	5																
Stark					10	10	4	4							4	4						10
Summit			1	1	16	17							1	1	1	1	2	2		3	9	14
Trumbull					6	9					2	2			2	2	1	1				7
Tuscarawas			1	1	11	11											1		10 00			10
Union					4	8					1	1	1	1	2	2				2	2	1
Van Wert					2	3	1	1	1	1					2	2						2

PROSECUTIONS FOR CRIMES AGAINST THE PERSON—Continued.

Counties.	Sent to reform school.		Acquittal.		Total cases disposed of.		Failure to arrest.		Escape.		Trial not commenced.		Trial commenced and continued.		Total still pending.		Defendant's counsel paid by county.		Amount paid defendant's counsel by county.	No. of crimes probably committed under the influence of intoxicating liquor.		Total number of convictions.
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		No. indictments.	No. persons.	
Vinton	...	...	1	1	13	12	5	6	...	...	1	1	2	2	8	9	...	...	...	5	5	5
Warren	...	...	1	2	21	32	...	...	...	...	2	2	...	...	2	2	6	11	160 00	19	26	15
Washington	...	...	3	3	20	20	3	3	...	...	2	2	...	...	3	3	2	2	95 00	...	...	9
Wayne	...	...	...	...	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Williams	...	...	...	...	5	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Wood	...	...	...	...	6	7	...	...	...	...	1	1	...	...	1	1	1	1	75 00	1	1	3
Wyandot	...	...	2	2	5	5	1	3	...	...	...	...	...	...	1	3	2	2	...	1	1	3
Totals	5	6	104	129	949	1085	81	110	6	7	210	220	56	65	353	412	134	158	83,164 50	115	149	623

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PROSECUTIONS FOR CRIMES AGAINST THE PERSON—Continued.

Counties.	Sent to reform school.		Acquittal.		Total cases disposed of.		Failure to attend.		Escape.		Trial not commenced.		Trial commenced and continued.		Total still pending.		Defendant's counsel paid by county.		Amount paid defendant's counsel by county.	No. of crimes probably committed under the influence of intoxicating liquor.		Total number of convictions.
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		No. indictments.	No. persons.	
Vinton			1	1	12	12	5	6			1	1	2	3								
Warren			1	1	21	32					2	2										
Washington			3	3	20	30	3	3			2	2										
Wayne					10	10																
Williams					5	4																
Wood					6	7																
Wyandot					5	5	1	3														
Totals	5	6	104	139	949	1085	81	110	6	7	910	930	86	95	559	419	134	166	$3,104 60	116	140	693

Montgomery	9	11	16	24	28	35	...	...	1	1	9	10	8	9	...	...	5	6	...	1	...	...	...	...	...	1
Morgan	1	1	6	11	9	12	...	...	1	1	1	1	2	4	...	...	2	3	...	...	...	...	...	...	...	...
Morrow	5	5	5	6	10	11	...	...	...	...	1	1	2	2	...	...	1	1	...	1	...	...	...	...	...	1
Muskingum	4	6	9	8	13	14	...	...	3	3	1	1	2	2	...	...	1	1	...	1	...	...	...	...	...	...
Noble	1	1	3	2	4	3	...	...	2	1	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...
Ottawa	2	3	1	3	3	6	...	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paulding	4	6	11	16	15	22	1	1	...	...	2	2	4	4	...	...	4	4	...	2	...	...	...	...	...	...
Perry	1	1	7	5	8	6	...	...	2	...	...	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...
Pickaway	3	3	7	7	10	10	...	...	3	3	...	...	3	3	2	2	...	...	...	...	...	...	...	...	...	...
Pike	2	2	13	25	15	27	...	...	...	...	2	5	4	7	1	2	2	4	1	2	...	...	...	...	...	...
Portage	6	7	8	8	14	15	...	...	...	...	4	5	4	4	...	...	1	1	...	1	...	...	...	...	...	...
Preble	...	...	31	31	31	31	...	...	...	...	5	5	7	7	...	...	1	1	...	...	...	...	...	...	...	...
Putnam	4	6	12	13	16	19	...	...	3	2	1	1	2	2	...	...	1	1	...	...	...	...	...	...	...	...
Richland	4	4	15	19	19	23	...	...	...	...	9	11	5	7	...	...	...	...	...	...	...	...	...	...	...	...
Ross	11	11	19	22	30	33	...	...	5	5	5	5	9	11	2	2	...	...	2	2	...	...	...	...	...	...
Sandusky	7	12	10	11	17	23	...	...	...	...	5	7	2	5	...	...	...	...	1	1	...	...	...	...	...	...
Scioto	4	5	16	16	20	21	...	...	7	5	...	...	11	14	...	...	2	2	...	...	...	...	...	...	...	...
Seneca	...	...	13	14	13	14	...	...	...	...	...	...	2	2	2	2	1	1	2	3	...	...	...	...	...	...
Shelby	2	3	5		7	10	...	...	...	...	2	3	2	3	...	...	2	2	...	...	...	...	...	...	...	...
Stark	...	...	33	33	33	33	...	...	...	...	...	...	15	15	2	2	...	...	1	1	...	...	...	...	...	...
Summit	2	2	22	26	24	28	...	...	4	5	3	4	6	6	3	3	1	1	...	...	...	...	2	3	...	...
Trumbull	7	8	18	20	25	28	...	...	...	...	1	1	8	10	3	3	1	1	...	...	...	...	...	...	...	...
Tuscarawas	2	2	12	15	14	17	...	...	...	...	...	...	4	5	...	...	...	...	5	6	...	...	...	...	...	...
Union	...	...	14	22	14	22	...	...	1	1	5	5	1	2	...	...	...	...	4	9	...	...	...	...	...	...
Van Wert	3	1	10	10	13	11	...	...	...	...	...	...	5	5	...	...	...	...	1	2	...	...	...	...	...	...
Vinton	2	3	6	6	8	9	...	...	...	...	...	...	...	...	...	...	4	5	...	...	...	...	...	...	...	...
Warren	2	2	11	12	13	14	...	...	2	2	1	1	4	4	1	1	...	1	...	...	...	...	...	...	...	...
Washington	20	27	16	17	36	44	...	...	15	21	4	6	6	7	...	...	1	1	4	4	...	...	...	...	...	...
Wayne	7	7	14	14	21	21	...	...	4	4	3	3	6	6	...	...	...	...	2	2	...	...	...	...	...	...
Williams	...	...	7	7	7	7	...	...	...	...	...	...	...	...	5	5	...	...	1	1	...	...	...	...	...	...
Wood	9	10	5	7	14	17	...	...	1	1	1	2	2	2	2	3	...	...	1	1	...	...	...	...	...	...
Wyandot	4	5	11	14	15	19	...	...	...	...	6	7	1	3	1	1	...	...	...	...	...	...	...	...	...	...
Totals	524	639	1431	1656	1955	2295	4	4	192	231	359	404	418	493	95	112	82	99	94	118	...	...	10	13	...	...

PROSECUTIONS FOR OFFENSES AGAINST PROPERTY, AND RESULTS, IN OHIO—Continued.

Counties.	Restitution and fine.		Sent to reform school.		Acquittal.		Total cases disposed of.		Failure to arrest.		Escape.		Trial not commenced.		Trial commenced and continued.		Totals.		Defendant's counsel paid by county.		Crimes probably committed under influence of intoxicating liquor.		Amount paid defendant's counsel by county.	Total number of convictions.
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		
Adams	....	....	....	....	2	6	12	21	8	10	8	8	4	5	3	4	23	27	6	.....	3	3	75 00	12
Allen	....	....	....	....	5	9	19	23	.....	.....	.....	.....	1	1	2	2	3	3	6	6	.....	.....	180 00	7
Ashland	....	....	....	....	2	2	8	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Ashtabula	....	....	....	....	.....	.....	28	33	8	7	5	2	5	5	7	11	25	25	.....	.....	.....	.....	.....	9
Athens	....	....	....	....	1	2	4	5	3	5	.....	.....	6	10	1	1	10	16	2	2	.....	.....	25 00	1
Auglaize	....	....	....	....	.....	.....	9	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	5	25 00	9
Belmont	....	....	....	....	1	1	6	6	.....	.....	.....	.....	1	1	.....	.....	1	1	1	1	.....	.....	40 00	1
Brown	....	....	....	....	1	1	2	2	1	1	.....	.....	2	2	.....	.....	3	3	3	3	.....	.....	.....	3
Butler	....	....	....	....	3	7	47	66	22	22	.....	.....	4	4	.....	.....	6	6	12	.....	.....	.....	165 00	29
Carroll	....	....	....	....	.....	.....	1	1	.....	2	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....	.....
Champaign	....	....	....	....	1	1	14	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Clarke	....	....	....	....	5	5	28	41	.....	.....	.....	.....	.....	.....	2	2	2	2	1	14	.....	.....	280 00	20
Clermont	....	....	....	....	2	2	9	9	7	7	.....	.....	2	2	1	1	10	10	1	1	.....	.....	20 00	5
Clinton	....	....	....	....	1	1	16	20	.....	.....	.....	.....	2	3	.....	.....	2	3	.....	.....	.....	.....	.....	15
Columbiana	....	....	2	2	1	1	22	24	1	1	.....	.....	.....	.....	1	1	2	2	.....	12	.....	.....	.....	10
Coshocton	....	....	2	2	1	3	19	38	1	1	.....	.....	.....	.....	.....	.....	1	1	11	22	.....	.....	595 00	7
Crawford	....	....	.....	.....	3	3	13	20	.....	.....	1	1	2	2	1	2	4	5	6	7	.....	.....	.....	12
Cuyahoga	....	....	.....	.....	12	19	85	120	.....	.....	.....	.....	48	53	.....	.....	48	53	27	30	.....	.....	270 00	47
Darke	....	....	.....	1	2	4	5	13	8	11	.....	.....	2	2	.....	.....	10	13	3	.....	.....	.....	75 00	9
Defiance	....	....	.....	.....	.....	.....	4	4	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Delaware	....	....	.....	.....	1	1	9	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Erie	....	....	.....	.....	2	3	11	12	2	2	.....	.....	4	4	.....	.....	6	6	6	8	.....	.....	150 00	6
Fairfield	....	....	.....	.....	8	8	25	23	.....	.....	3	3	.....	.....	11	4	14	7	6	6	.....	.....	230 00	5
Fayette	....	....	.....	.....	.....	.....	15	20	1	1	.....	.....	3	5	.....	.....	4	6	1	1	.....	.....	25 00	4
Franklin	....	....	.....	.....	7	10	55	70	3	3	.....	.....	22	31	.....	.....	25	34	24	29	.....	.....	170 00	38
Fulton	....	....	.....	.....	2	2	10	10	.....	.....	.....	.....	.....	.....	2	3	2	3	.....	.....	.....	.....	.....	1
Gallia	....	....	1	1	.....	.....	20	30	2	4	.....	.....	4	10	.....	.....	6	14	3	3	5	8	34 00	10
Geauga	....	....	.....	.....	1	1	3	3	3	3	.....	.....	3	3	.....	.....	6	6	2	.....	.....	.....	50 00	2

Greene					2	2	87	37	14	5				9	9			23	14	12	12			175 00	25
Guernsey					1	1	7	8								4	2	4	2	2	2	2	2	110 00	4
Hamilton					5	5	60	70						75	91			75	91	23	20				45
Hancock							12	12			2	2	4	6				6	8						5
Hardin					2	3	15	19										1		3				170 00	8
Harrison					1	2	3	3	1	1								1		2	3			75 00	1
Henry					2	2	5	10					3	4				3	4	3				75 00	2
Highland					1	1	18	19	1	1			4	11				5	12	6				225 00	12
Hocking					2	3	10	14					1	1	1	1		2	*2	4	4	2	4	75 00	6
Holmes								4												3	3			100 00	4
Huron			1	2			14	16				1	8	4				2	5	3	5	2	2	170 00	11
Jackson					2	2	19	21						2	1	1		1	4	6				125 00	6
Jefferson							10	15				1	2	2				3	3						4
Knox					1	1	14	21	2	2					1	1		3	3	1	1			25 00	3
Lake					1	1	9	12			1	1			1	1		2	2	5	5	2	2		5
Lawrence							20	20												20	20			200 00	20
Licking			2	5	2	5	22	33					1	1	2	1		3	2	7				150 00	23
Logan					1	1	7	7	1	1									1	2	2			50 00	4
Lorain					2	2	24	28												11			1	170 00	16
Lucas			5	11	10	11	80	96	3	2			21	16				24	18						60
Madison			2	3	1	1	7	12	1	1								1	1	1	2			100 00	7
Mahoning					1	1	8	13							2	3		2	3	4	9			325 00	10
Marion					3	4	17	16					1	1				1	1	2	3	1	1	100 00	1
Medina					2	2	16	20	1	1								1	1			1	2		9
Meigs			2	3	2	2	16	17	7	7			2	5				9	12	8		3		110 00	11
Mercer					2	2	4	4	3	3								3	3	1	1			55 00	2
Miami			1	1	4	3	22	24																	16
Monroe							3	4			1	1						1	1	1	1	1	2	25 00	3
Montgomery					3	5	28	35												13	14				17
Morgan							5	8	4	4									4	2	2			60 00	7
Morrow					1	1	7	7			1	1			2	3			4	2	2			35 00	5
Muskingum					4	5	12	13	1	1									1	2	1			90 00	4
Noble							4	3													1			50 00	1
Ottawa							2	3	1	2		1							3						
Paulding					1	1	13	14					2	5		3		2	6	4	4	1	1	60 00	10
Perry							6	4	1	1			1	1				2	2		4	3		150 00	4
Pickaway							8	8							2	2		2	2	4					5
Pike					4	6	14	26							1	1		1	1	9				410 00	15
Portage					1	1	11	12					2	2	1	1		3	3		5			130 00	6
Preble	3	3			5	5	21	21	10	10								10	10	11				200 00	11
Putnam					1	5	8	12	7	6	1	1						8	7	3	2	1	1	100 00	4
Richland			1		1	1	16	20							3	3		3	3	7	10	1	2		8
Ross					7	8	30	33												7	7			150 00	15
Sandusky							8	13					9	10				9	10	1	1				6
Scioto							20	21												8	10				16
Seneca			1	1	1	1	9	10	3	3			1	1				4	4						9
Shelby					1	2	7	10																	5
Stark					1	1	19	19	10	10	2	2			2	2		14	14						18
Summit			2	3	2	2	23	26	1	1						1		1	2	3	3				15
Trumbull							13	15					12	13				12	13	6	9			390 00	14
Tuscarawas					2	2	11	13							3	4		3	4	5				10 00	11
Union							11	17					3	5				3	5	1	1			25 00	11
Van Wert							6	7	4	3					3	1		7	4	2	2			40 00	7

PROSECUTIONS FOR OFFENSES AGAINST PROPERTY, ETC.—Continued.

Counties.	Restitution and fine.		Sent to reform school.		Acquittal.		Total cases disposed of.		Failure to arrest.		Escape.		Trial not commenced.		Trial commenced and continued.		Totals.		Defendant's counsel paid by county.		Crimes probably committed under influence of intoxicating liquor.		Amount paid defendant's counsel by county.	Total number of convictions.
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		
Vinton	.....	.....	.....	.....	.....	.....	4	5	2	2	.....	.....	1	1	1	1	4	4	.....	.....	2	2	.....	5
Warren	.....	.....	.....	.....	1	1	9	10	.....	.....	.....	.....	4	4	.....	.....	4	4	2	2	2	10	$40 00	6
Washington	.....	.....	.....	.....	3	3	33	40	1	1	.....	.....	2	3	.....	.....	3	4	5	6	2	2	75 00	12
Wayne	.....	.....	.....	.....	3	3	18	18	2	2	.....	.....	.....	.....	1	1	3	3	5	5	.....	.....	210 00	8
Williams	.....	.....	.....	.....	1	1	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
Wood	.....	.....	.....	.....	1	1	8	10	2	3	1	1	3	3	.....	.....	6	7	3	3	.....	.....	30 00	6
Wyandot	.....	.....	.....	.....	2	2	10	13	4	5	1	1	.....	.....	.....	.....	5	6	2	5	.....	.....	.....	4
Totals	3	3	22	37	160	206	1439	1720	139	139	28	27	287	345	62	64	516	575	359	339	45	50	7,334 00	875

PROSECUTIONS FOR OFFENSES AGAINST PUBLIC PEACE, PUBLIC JUSTICE, PUBLIC POLICY, CHASTITY, MORALITY, ETC., FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Indictments pending July 1, 1878, and persons included.		Indictments found within the year, and persons included.		Totals.		Terminated by death.		Indictments quashed, laid away, etc.		Nolle prosequi entered.		Imprisonment in the penitentiary.		Imprisonment in the county jail only.		Imprisonment in work house only.		Fine and imprisonment in county jail.		Fine and imprisonment in work house.	
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.
Adams	8	12	5	8	13	20					3	3								1		
Allen	4	5	31	25	35	30					10	10							1	2		
Ashland	1	1	4	4	5	5																
Ashtabula	13	14	23	14	36	28			1	1	6	7	2	1			11	3				
Athens	1	1	8	9	9	10																
Auglaize			8	6	8	6			5	1	1	1										
Belmont	1	1	6	6	7	7			1	1	1	1										
Brown	8	13	5	5	13	18					7	12										
Butler	3	4	38	39	41	43			2	2									29	29		
Carroll	1	2	10	11	11	13																
Champaign	1	1	129	129	130	130			37	37	10	10										
Clarke	11	16	173	229	184	245			1	1	27	87							1	2		
Clermont	290	35	54	10	344	45					288	25										
Clinton	9	11	58	58	67	69			5	6	1	1			1	1						
Columbiana	15	8	135	63	150	71			19	11	18	9			2	2			2	2		
Coshocton	5	5	65	68	70	73			4	4	20	20			2	3						
Crawford	2	2	5	5	7	7					1	1			1	1			2	2		
Cuyahoga	5	6	25	46	30	52					11	15	2	2								
Darke	9	10	18	28	27	38					2	8			1	1						
Defiance			2	2	2	2																
Delaware	6	6	18	5	24	11					10	6										
Erie	4	4	1	1	5	5					4	4	1	1								
Fairfield	5	6	25	9	30	15			1	1	12	9										
Fayette	14	17	3	7	17	24			8	9												
Franklin	5	6	21	22	26	28					5	6	1	1								
Fulton	5	13	1	1	6	14					5	13										
Gallia	8	10	27	32	35	42					14	16										

PROSECUTIONS FOR OFFENSES AGAINST PUBLIC PEACE, Etc.—Continued.

Counties.	Indictments pending July 1, 1878, and persons included.		Indictments found within the year, and persons included.		Totals.		Terminated by death.		Indictments quashed, laid away, etc.		Nolle prosequi entered.		Imprisonment in the penitentiary.		Imprisonment in the county jail only.		Imprisonment in work house only.		Fine and imprisonment in the county jail.		Fine and imprisonment in work house.	
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.
Geauga	3	4	24	10	27	14	....	....	....	....	5	2	....	....	....	....	....	....	....	....	....	....
Greene	44	11	204	37	248	48	....	....	48	7	50	6	....	....	....	....	....	....	12	4	....	....
Guernsey	3	2	27	14	30	16	....	....	12	4	1	1	....	....	....	....	....	....	1	1	....	....
Hamilton	9	9	112	114	121	123	....	....	....	....	2	3	1	1	....	....	....	....	....	....	....	....
Hancock	....	....	63	65	63	65	....	....	....	....	25	25	....	....	....	....	....	....	....	....	....	....
Hardin	10	10	67	71	77	81	....	....	13	13	11	11	....	....	1	1	....	....	....	....	....	....
Harrison	....	....	12	9	12	9	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Henry	1	1	2	2	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Highland	21	23	22	9	43	32	....	....	....	....	27	22	....	....	....	....	....	....	1	1	....	....
Hocking	3	6	2	3	5	9	....	....	2	5	2	3	....	....	....	....	....	....	....	....	....	....
Holmes	....	....	21	11	21	11	....	....	....	....	5	4	....	....	5	4	....	....	3	....	....	....
Huron	....	....	18	8	18	8	....	....	....	....	4	3	....	....	....	....	....	....	....	....	....	....
Jackson	16	20	61	75	77	95	....	....	7	10	15	19	....	....	....	....	....	....	3	5	....	....
Jefferson	20	13	36	37	56	50	....	....	....	....	39	31	....	....	....	....	....	....	....	....	....	....
Knox	10	11	16	16	26	27	....	....	1	1	7	8	....	....	....	....	....	....	3	3	....	....
Lake	3	2	1	3	4	5	....	....	....	....	2	1	2	4	....	....	....	....	....	....	....	....
Lawrence	....	....	32	32	32	32	....	....	....	....	2	2	....	....	....	....	....	....	....	....	....	....
Licking	2	2	....	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Logan	20	15	202	72	222	87	....	....	89	27	2	2	....	....	....	....	....	....	27	15	....	....
Lorain	3	3	37	39	40	42	....	....	....	....	9	11	....	....	2	2	....	....	4	4	....	....
Lucas	41	55	22	22	63	77	....	....	11	24	11	11	3	3	....	....	....	....	....	....	....	....
Madison	11	22	4	4	15	26	....	....	....	....	2	13	....	....	....	....	....	....	....	....	....	....
Mahoning	1	1	25	29	26	30	....	....	....	....	5	6	....	....	3	3	....	....	1	1	....	....
Marion	2	2	5	8	7	10	....	....	2	2	1	4	....	....	....	....	....	....	....	....	....	....
Medina	5	5	42	42	47	47	....	....	....	....	5	5	2	2	6	6	....	....	5	5	....	....
Meigs	13	14	8	13	21	27	1	1	....	....	6	6	1	1	....	....	....	....	....	....	....	....
Mercer	3	5	....	....	3	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Miami	2	5	132	57	134	62	....	....	2	2	59	21	....	....	....	....	....	....	....	....	....	....
Monroe	4	7	13	9	17	16	....	....	....	....	6	3	....	....	....	....	....	....	....	....	....	....

PROSECUTIONS FOR OFFENSES AGAINST PUBLIC PEACE, PUBLIC JUSTICE, PUBLIC POLICY, CHASTITY, MORALITY, ETC., FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Indictments pending July 1, 1878, and persons included.		Indictments found within the year, and persons included.		Totals.		Terminated by death.		Indictments quashed, laid away, etc.		Nolle prosequi entered.		Imprisonment in the penitentiary.		Imprisonment in the county jail only.		Imprisonment in work house only.		Fine and imprisonment in county jail.		Fine and imprisonment in work house.	
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No person.
Adams	8	12	5	8	13	20	.....	.....	.....	.....	3	3	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Allen	4	5	31	25	35	30	.....	.....	.....	.....	10	10	.....	.....	.....	.....	.....	.....	1	2	.....	.....
Ashland	1	1	4	4	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ashtabula	13	14	23	14	36	28	.....	.....	1	1	6	7	2	1	.....	.....	11	3	.....	.....	.....	.....
Athens	1	1	8	9	9	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Auglaize	.....	.....	8	6	8	6	.....	.....	5	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belmont	1	1	6	6	7	7	.....	.....	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brown	8	13	5	5	13	18	.....	.....	.....	.....	7	12	.....	.....	.....	.....	.....	.....	29	29	.....	.....
Butler	3	4	38	39	41	43	.....	.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll	1	2	10	11	11	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Champaign	1	1	129	129	130	130	.....	.....	37	37	10	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clarke	11	16	173	229	184	245	.....	.....	1	1	87	87	.....	.....	.....	.....	.....	.....	1	2	.....	.....
Clermont	290	35	54	10	344	45	.....	.....	.....	.....	288	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clinton	9	11	58	58	67	69	.....	.....	5	6	1	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Columbiana	15	8	135	63	150	71	.....	.....	19	11	18	9	.....	.....	2	2	.....	.....	2	2	.....	.....
Coshocton	5	5	65	68	70	73	.....	.....	4	4	30	20	.....	.....	2	3	.....	.....	.....	.....	.....	.....
Crawford	5	2	5	5	7	7	.....	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Cuyahoga	5	6	95	46	30	52	.....	.....	.....	.....	11	15	2	2	.....	.....	.....	.....	2	2	.....	.....
Darke	9	10	18	28	27	38	.....	.....	.....	.....	2	8	.....	.....	1	1	.....	.....	.....	.....	.....	.....
Defiance	.....	.....	2	2	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	6	6	18	5	24	11	.....	.....	.....	.....	10	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erie	4	4	1	1	5	5	.....	.....	.....	.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fairfield	5	6	25	9	30	15	.....	.....	1	1	12	9	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Fayette	14	17	3	7	17	24	.....	.....	8	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Franklin	5	6	21	22	26	28	.....	.....	.....	.....	5	6	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Fulton	5	13	1	1	6	14	.....	.....	.....	.....	5	13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gallia	8	10	27	32	35	42	.....	.....	.....	.....	14	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

PROSECUTIONS FOR OFFENSES AGAINST PUBLIC PEACE, ETC.—Continued.

Counties.	Fine only.		Sent to reform school.		Acquittal.		Totals.		Failure to arrest.		Escape.		Trial not commenced.		Trial commenced and continued.		Totals.		Defendants' counsel paid by county.		Crimes probably committed under the influence of intoxicating liquors.		Am't paid defendant's counsel by county.	Total number of convictions.
	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		
Adams	1	2			1	3	5	9	2				6	9			8	11						3
Allen	11	7			8	6	30	25	4	4					1	1	5	5						2
Ashland	5	5					5	5																5
Ashtabula	2	2			5	5	27	19					9	9			9	9						6
Athens	3	3	2	2			5	5	3	3			1	2			4	5	1	1			$25	5
Auglaize	2	4					8	6													1	3		4
Belmont	5	5					7	7																5
Brown	2	2			1	1	10	15	1	1			2				3	3						2
Butler	5	6			4	5	40	42					1				1	1						35
Carroll	8	8					8	8	1	2			2				3	5						8
Champaign	65	65					112	112	6	6			12	12			18	18						65
Clarke	148	148					177	238							7	7	7	7	1				15	150
Clermont	29	6					317	31					27	14			27	14						6
Clinton	36	37			2	2	45	47	3	3			19	19			22	22						38
Columbiana	79	30			3	3	123	57	15	5					12	9	27	14						34
Coshocton	30	31			3	3	59	61	7	8			3	3	1	1	11	12						34
Crawford					1	1	5	5					2	2			2	2						3
Cuyahoga	1	9	1	1	7	17	22	44					7	7	1	1	8	8	3	3			30	12
Darke	16	20			1	1	20	30	4	5			3	3			7	8	1				25	21
Defiance															* 2	2	2	2						
Delaware	4	3					14	9					10	2			10	2						3
Erie							5	5											1	1			25	1
Fairfield	16	4					29	14							1	1	1	1						4
Fayette					1	3	9	12	3	4			5	8			8	12						
Franklin					1	1	7	8					19	20			19	20	1	1			50	1
Fulton	1	1					6	14																1
Gallia	12	12			2	2	28	30	4	9			3	3			7	12			16	23		12
Geauga	3	4			2	1	10	7	1	1			16	6			17	7						4
Greene	70	12			2	2	182	31					65	16	1	1	66	17						16

Guernsey	11	5						16	11								5	5	5	5			1	1			6
Hamilton					1	2		3	6					117	117				117	117							1
Hancock	18	18						43	43			2	2	18	20				20	22							18
Hardin	44	45			1	1		70	71	1	2					6	8	7	10								46
Harrison	11	9						11								1		1				2	2				9
Henry					1	1		1						2	2			2	2								
Highland	10	4			2	2		40	29	1	1			2	2			3	3								5
Hocking					1	1		5	9															1	1		
Holmes	1	1			1			15						6	2			6	2								5
Huron	13	4						17	7					1	1			1	1								4
Jackson	39	45			5	5		69	84		1			6	8	2	2	8	1								50
Jefferson	10	12			2	2		51	45					5	5			5	5								12
Knox	12	12						23	24					2	2	1	1	3	3								15
Lake								4	5																		4
Lawrence	30	30						32	32																		30
Licking	2	2						2	2																		2
Logan	68	25						186	69	9	4			27	14			36	18								40
Lorain	23	23						38	40							2	2	2	2								29
Lucas	10	11			2	2		37	51					26	26			26	26								14
Madison	11	11			1	1		14	25	1	1							1	1								10
Mahoning	6	6			1	2		16	18							10	12	10	12								4
Marion	4	4						7	10													4	4				4
Medina	16	16			4	4		38	38	3	3					6	6	9	9	2	2			25			29
Meigs	2	2						10	10	9	15			2	2			11	17								3
Mercer	3	5						3	5																		5
Miami	71	35			2	4		134	62																		35
Monroe	5	5						11	8					6	8			6	8								5
Montgomery								2	2											1	1						2
Morgan	1	1						4	4	8	10							8	10	1	1						1
Morrow	24	14						35	21					8	8			8	8								16
Muskingum	1	1						8	9							2	1	2	1								6
Noble	26	18						26	18	1	1					19		20	1								18
Ottawa																											
Paulding			3	3				12	12	1	1			3	3			4	4								4
Perry			4	1	1			5	5	1	3							1	3								4
Pickaway	1	1						3	3	2	2							2	2								2
Pike	12	15			2	2		19	21	1	11							1	11	1					35		16
Portage	2	2			2	2		43	43					12	12			12	12								3
Preble	39	39			2	2		58	58																		39
Putnam	48	38			2	2		50	51	2	2					1	1	3	3								39
Richland																2	2	2	2								
Ross					3	3		11	11																		
Sandusky								2	3					1				1									
Scioto	10	13			1	1		19	23					1	1			1	1								13
Seneca	1	5				4		2	10																		5
Shelby	23	24						26	27																		27
Stark								4	4					1	1			1	1								4
Summit	10	10						27	27							3	4	3	4								20
Trumbull	13	13			2	2		46	47					17	25	1	1	18	26								17
Tuscarawas	20	20						23	23							8	8	8	8								20
Union	1	1			1	1		47	16					14	5			14	5			3	3				10
Van Wert	1	1			1	1		3	3	1	1					1	6	2	7								2
Vinton	4	4						7	7		3					3	3	4	6			1	1				4

PROSECUTIONS FOR OFFENSES AGAINST PUBLIC PEACE, ETC.—Continued.

Counties.	Fine only.		Sent to reform school.		Acquittal.		Totals		Failure to arrest.		Escape.		Trial not commenced.		Trial commenced and continued.		Totals.		Defendants' counsel paid by county.		Crimes probably committed under the influence of intoxicating liquors.		Am't paid defendant's counsel by county.	Total number of convictions.
	No. indictments.	No persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.	No. indictments.	No. persons.		
Warren	22	22	...	...	2	2	29	29	.....	.....	.....	.....	1	1	.....	.....	1	1	1	1	25	25	$25	23
Washington	12	13	...	...	3	3	23	25	.....	.....	.....	.....	4	6	.....	.....	4	6	.....	.....	.....	.....	.....	15
Wayne	17	17	...	...	1	1	23	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18
Williams	3	3	...	...	.....	.....	6	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5
Wood	.....	.....	...	...	.....	.....	2	2	.....	.....	.....	.....	3	3	.....	.....	3	3	.....	.....	.....	.....	.....	.....
Wyandot	7	9	...	...	.....	.....	16	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9
Totals	1272	1040	10	10	91	110	2802	2169	96	114	2	2	497	415	99	85	694	616	14	11	54	63	$255	1221

* Disposition of case not reported.

ATTORNEY'S FEES IN CRIMINAL CASES PAID BY COUNTY, FOR THE YEAR ENDING JUNE 30, 1879, AS REPORTED BY COUNTY AUDITORS.

Counties.	No.	Amount.	Counties	No.	Amount.
Adams	15	361	Licking	12	$210
Allen	6	265	Logan	6	130
Ashland	4	100	Lorain	12	185
Ashtabula	16	620	Lucas	45	574
Athens	3	90	Madison	8	400
Auglaize	1	5	Mahoning	23	637
Belmont	1	40	Marion	4	195
Brown	7	265	Medina	1	25
Butler	32	640	Meigs	9	140
Carroll	4	190	Mercer	3	145
Champaign	2	35	Miami	30	610
Clarke	12	240	Monroe	4	125
Clermont	3	55	Montgomery	25	1,022
Clinton	20	600	Morgan	6	310
Columbiana	13	630	Morrow	2	40
Coshocton *	.....	.....	Muskingum	*	380
Crawford	5	240	Noble	1	50
Cuyahoga	42	620	Ottawa	2	50
Darke	14	406	Paulding	4	100
Defiance *	.....	.....	Perry	8	325
Delaware	9	215	Pickaway	8	180
Erie	12	300	Pike	*	485
Fairfield	7	201	Portage	6	205
Fayette	4	*	Preble	13	310
Franklin	26	797	Putnam	3	100
Fulton	2	100	Richland	10	185
Gallia	5	82	Ross	9	215
Geauga	5	140	Sandusky	8	445
Greene	25	490	Scioto	15	445
Guernsey	19	515	Seneca *	.....	.....
Hamilton	121	1812	Shelby	3	65
Hancock	3	40	Stark	27	1,210
Hardin	4	170	Summit	10	250
Harrison	3	60	Trumbull	10	500
Henry	5	100	Tuscarawas	6	70
Highland	8	290	Union *	.....	.....
Hocking	6	170	Van Wert	2	40
Holmes	4	350	Vinton	3	100
Huron	7	230	Warren	9	220
Jackson	6	197	Washington	7	170
Jefferson	9	210	Wayne	4	150
Knox	4	448	Williams	1	15
Lake	10	300	Wood	4	102
Lawrence	14	205	Wyandot	8	545
Totals				889	$24,484

* Not reported.

SOCIAL STATISTICS,

AND

STATISTICS OF BENEVOLENT AND REFORMATORY INSTITUTIONS.

20

SOCIAL STATISTICS,

AND

STATISTICS OF BENEVOLENT AND REFORMATORY INSTITUTIONS.

20

TABLE SHOWING THE NUMBER OF MARRIAGES IN EACH MONTH IN EACH COUNTY OHIO, AS REPORTED BY PROBATE JUDGES, FOR THE YEAR ENDING MARCH 31, 187

Counties.	Total number of marriages in each month.												Total number of
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
Adams	20	6	12	11	17	16	17	20	22	15	12	22	
Allen	15	17	23	6	24	32	54	48	27	24	26	27	
Ashland	18	10	18	10	14	22	23	22	40	18	20	22	
Ashtabula	16	31	17	18	13	22	21	32	46	21	25	22	
Athens	28	17	11	12	23	26	25	31	34	14	16	30	
Auglaize	14	26	15	11	16	17	17	25	19	20	16	16	
Belmont	24	20	24	17	32	37	32	37	46	20	31	31	
Brown	11	15	12	15	29	28	29	31	40	20	13	20	
Butler	14	24	15	23	24	32	45	29	39	26	26	32	
Carroll	8	15	9	3	6	14	17	12	20	14	9	15	
Champaign	23	18	24	8	20	24	23	24	40	16	28	13	
Clarke	23	27	25	25	23	35	46	32	48	29	34	24	
Clermont	19	19	18	22	25	29	39	34	33	27	36	19	
Clinton	10	13	7	12	14	19	26	24	40	28	27	17	
Columbiana	18	27	19	22	19	27	36	30	41	22	20	20	
Coshocton	12	10	12	12	11	18	25	17	37	15	22	14	
Crawford	16	22	17	13	26	18	27	23	47	25	24	25	
Cuyahoga	95	138	117	104	94	119	139	156	131	104	92	94	1
Darke	30	18	21	27	28	45	27	37	39	22	35	27	
Defiance	23	14	19	10	21	13	21	14	16	15	17	16	
Delaware	16	12	13	11	22	21	26	28	24	15	23	16	
Erie	15	20	13	11	20	17	22	30	29	18	21	20	
Fairfield	16	15	16	15	22	21	30	36	37	16	22	17	
Fayette	12	12	13	12	16	14	21	10	25	17	17	12	
Franklin	62	60	66	51	54	64	91	78	87	72	58	54	
Fulton	11	4	6	5	4	12	15	16	13	10	15	10	
Gallia	18	24	16	21	23	18	49	26	27	28	32	22	
Geauga	5	11	8	10	9	13	16	16	27	20	10	11	
Greene	12	14	11	15	23	23	21	25	35	24	20	18	
Guernsey	12	15	6	15	16	28	25	21	36	19	25	11	
Hamilton	218	276	204	182	189	245	272	262	194	183	229	158	2
Hancock	22	10	17	12	16	21	37	18	31	22	19	25	
Hardin	18	13	22	14	14	31	37	22	33	22	14	25	
Harrison	13	13	15	12	21	18	16	11	22	12	16	13	
Henry	10	5	6	8	10	13	14	13	23	18	15	14	
Highland	12	19	18	10	27	33	33	24	34	31	21	23	
Hocking	13	12	12	7	13	20	11	22	25	17	15	17	
Holmes	17	18	16	9	12	10	14	21	17	18	9	7	
Huron	25	16	24	18	16	27	39	22	41	20	21	25	
Jackson	14	13	13	11	15	13	19	13	22	12	16	16	
Jefferson	17	21	22	13	13	31	23	18	27	19	17	17	
Knox	16	25	22	12	17	21	23	32	27	18	13	30	
Lake	6	16	6	8	10	7	15	19	20	6	9	6	
Lawrence	30	27	18	22	32	31	38	39	35	28	24	28	
Licking	26	31	26	15	31	29	36	38	34	25	22	16	
Logan	16	19	12	12	21	24	26	26	32	17	17	19	
Lorain	23	18	14	22	16	25	34	26	50	22	28	21	
Lucas	44	37	31	27	37	45	56	52	50	50	53	42	
Madison	12	9	10	6	10	12	20	14	22	14	16	9	
Mahoning	12	19	24	17	13	19	26	17	32	20	19	15	
Marion	10	10	11	7	13	18	29	22	18	18	14	13	
Medina	18	9	12	11	20	15	24	21	24	10	23	24	
Meigs	18	22	20	16	23	26	31	24	30	28	20	23	
Mercer	11	19	15	7	16	9	16	20	9	17	18	16	
Miami	11	14	18	22	25	30	36	26	55	35	21	26	

NUMBER OF MARRIAGES IN EACH MONTH—Continued.

Counties.	Total number of marriages in each month.												Total number of marriages.
	January.	February.	March.	April.	May.	June.	July.	August	September.	October.	November.	December.	
Monroe	20	8	13	14	18	28	23	26	23	19	18	23	233
Montgomery.	42	61	43	45	40	72	73	56	77	36	59	43	647
Morgan	14	14	7	13	12	13	15	16	22	10	15	12	160
Morrow	6	9	8	5	18	13	24	26	22	21	6	5	163
Muskingum .	27	29	33	23	26	26	50	51	44	23	27	32	391
Noble	9	7	15	2	13	15	28	16	26	20	17	22	190
Ottawa	10	8	10	3	9	8	7	12	19	12	12	8	118
Paulding	11	10	6	6	5	14	10	11	14	10	9	10	116
Perry	18	22	15	8	26	18	32	14	26	17	16	19	231
Pickaway ...	12	19	5	9	21	20	20	27	40	14	31	25	243
Pike	12	12	9	6	23	10	16	11	23	10	22	14	168
Portage	13	18	16	13	15	22	26	23	24	25	14	11	220
Preble	9	10	13	18	20	25	19	18	21	26	20	16	215
Putnam	9	15	17	9	15	15	18	19	19	17	12	16	181
Richland	20	21	15	20	20	26	30	37	30	28	25	29	301
Ross	17	28	21	23	29	43	46	37	41	24	34	26	369
Sandusky....	18	26	23	14	16	28	21	35	30	28	33	25	297
Scioto	26	29	9	20	15	24	29	21	20	20	21	23	257
Seneca	22	29	23	13	22	26	27	40	40	29	20	33	324
Shelby	16	13	13	5	14	9	18	23	21	18	10	9	169
Stark	36	35	29	37	43	37	77	61	49	38	35	44	511
Summit	19	14	17	20	31	37	37	31	54	40	34	21	355
Trumbull ...	38	23	12	19	16	23	27	28	38	21	21	26	292
Tuscarawas .	35	19	20	26	21	31	26	28	49	19	28	41	343
Union	20	14	13	10	10	18	28	31	29	15	19	20	226
Van Wert ...	21	20	11	14	13	18	23	22	26	19	22	13	222
Vinton	7	12	12	14	14	12	15	17	24	15	15	14	171
Warren	13	12	16	14	16	17	29	20	34	20	25	16	232
Washington .	17	31	26	25	18	34	35	31	33	31	25	26	332
Wayne	16	28	11	8	19	40	38	23	49	43	25	32	332
Williams	11	11	13	9	12	11	22	13	17	11	10	14	154
Wood	21	15	20	17	18	26	37	30	34	12	18	29	277
Wyandot ...	15	13	11	8	12	20	18	21	28	16	19	23	204
Totals...	1848	2000	1736	1524	1928	2376	2877	2660	3098	2129	2178	2045	26,399

TABLE SHOWING THE NUMBER OF BIRTHS IN EACH MONTH IN EAC

Counties.	April.		May.		June.		July.		Au
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.
Adams	16	14	20	19	18	21	29	17	15
Allen	32	36	35	35	22	20	37	39	32
Ashland	14	18	16	22	13	18	20	14	25
Ashtabula	20	23	24	12	28	25	26	31	24
Athens	28	27	18	31	23	35	16	21	24
Auglaize	29	17	22	17	31	24	36	23	32
Belmont	36	30	29	41	43	41	48	39	55
Brown	24	25	29	22	21	25	28	25	38
Butler	16	23	31	22	26	22	24	28	35
Carroll	13	19	14	16	15	11	22	14	16
Champaign	21	20	20	16	17	21	16	17	27
Clarke	26	25	28	27	27	24	15	23	34
Clermont	13	31	23	17	30	27	17	40	29
Clinton	23	22	29	13	16	23	15	30	17
Columbiana	33	33	54	40	42	44	70	38	59
Coshocton	19	18	23	19	14	13	16	23	28
Crawford	27	25	20	25	33	20	25	18	23
Cuyahoga	146	125	161	166	165	145	162	193	194
Darke	41	33	37	28	41	33	43	41	57
Defiance	20	15	20	19	13	17	23	18	22
Delaware	20	12	17	19	21	15	22	20	29
Erie	18	37	16	22	19	24	26	21	22
Fairfield	21	21	22	22	24	23	27	24	33
Fayette	10	13	11	12	20	12	24	14	20
Franklin	38	41	51	40	44	58	59	34	54
Fulton	18	15	14	10	16	19	22	15	18
Gallia	29	33	20	23	27	34	16	16	29
Geauga	2	7	7	8	4	4	6	10	14
Greene	22	16	17	13	18	14	26	14	18
Guernsey	19	22	30	14	25	19	11	20	28
Hamilton	20	18	18	10	16	13	13	10	16
Hancock	31	34	19	19	16	24	17	27	28
Hardin	24	27	22	16	15	16	21	19	21
Harrison	15	14	12	14	12	10	13	14	20
Henry	18	10	11	8	13	12	14	9	17
Highland	25	21	23	21	16	13	26	25	33
Hocking	24	21	15	24	23	27	18	10	23
Holmes	24	23	21	22	27	30	23	24	25
Huron	16	13	15	26	18	20	19	19	25
Jackson	27	26	27	11	29	21	28	16	26
Jefferson	17	18	18	18	27	18	28	22	35
Knox	17	15	20	23	31	24	24	22	17
Lake	7	10	12	6	13	7	12	11	10
Lawrence	35	26	33	40	41	38	41	42	45
Licking	26	26	26	38	26	31	33	31	30
Logan	33	20	21	15	19	21	24	25	18
Lorain	19	33	28	27	17	17	23	25	34
Lucas	77	60	59	50	53	35	51	49	75
Madison	10	15	14	19	16	13	12	14	16
Mahoning	22	14	31	18	25	29	37	28	36
Marion	17	8	12	21	13	18	13	13	25
Medina	16	9	13	15	14	14	10	11	21
Meigs	26	30	26	17	25	35	35	29	25
Mercer	11	10	17	12	23	17	20	16	28
Miami	18	20	23	28	29	24	40	33	36
Monroe	33	24	31	15	31	20	27	30	36
Montgomery	69	75	72	58	62	63	76	69	65

AS REPORTED BY PROBATE JUDGES, FOR THE YEAR ENDING MARCH 31, 1879.

October.		November.		December.		January.		February.		March.		Total number births, sex unknown.	Total number of births.
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
17	18	25	18	25	19	26	15	23	20	27	28	38	535
32	46	25	19	35	30	42	35	41	38	40	52	.....	842
18	28	23	15	28	19	23	17	17	18	18	18	.....	450
20	27	24	28	33	34	22	17	32	40	42	35	3	681
19	26	35	27	22	32	49	28	47	35	32	40	.....	706
26	21	34	28	37	26	47	36	37	31	33	27	.....	714
53	41	38	42	57	41	62	51	69	52	76	62	.....	1134
37	20	36	28	31	32	38	51	39	37	34	35	14	771
30	31	30	31	27	35	29	32	31	24	42	32	29	718
11	15	20	13	15	15	17	10	23	18	18	15	.....	376
30	25	25	17	26	25	33	23	18	12	27	15	64	589
30	36	31	24	44	32	49	39	50	28	35	41	.....	759
28	38	30	19	24	25	44	34	35	40	51	43	.....	730
28	26	20	22	27	24	16	24	26	22	14	15	.....	502
61	50	56	32	40	55	62	52	60	56	54	65	.....	1194
16	30	23	21	33	26	24	31	27	34	35	33	.....	587
25	37	27	31	37	35	41	32	29	24	38	42	.....	695
203	204	184	182	201	207	206	191	188	176	255	232	.....	4485
36	39	30	31	49	44	65	50	59	50	56	43	.....	1056
21	13	33	24	27	32	31	16	27	18	31	33	.....	556
31	26	16	19	27	23	24	24	23	26	24	33	.....	559
28	34	23	32	38	33	27	30	24	36	29	25	.....	648
29	28	32	34	30	21	24	35	32	19	35	23	83	725
15	17	22	17	20	21	29	29	25	22	23	26	.....	457
69	43	68	54	59	66	67	56	67	58	72	79	.....	1339
25	20	16	17	23	14	28	15	13	17	28	21	1	467
39	42	22	22	28	28	41	26	24	26	41	47	.....	690
7	18	7	18	14	8	15	10	9	6	10	6	....	218
28	19	17	22	29	26	30	22	25	27	37	24	1	529
26	18	17	15	31	14	29	30	21	35	29	25	.....	569
12	14	19	17	22	11	20	15	12	9	130	140	599	1198
56	23	30	36	34	29	39	39	36	37	44	31	.....	724
30	27	26	24	33	24	34	38	40	27	30	35	.....	625
21	17	20	13	20	18	24	24	21	23	18	20	.....	427
24	26	18	16	15	18	30	24	20	32	36	24	.....	447
28	24	32	32	33	33	36	24	40	29	34	52	.....	691
35	20	22	15	29	22	34	21	35	40	28	24	.....	574
22	23	15	14	24	19	19	21	23	22	27	25	.....	554
30	21	33	16	37	22	30	30	33	28	17	24	.....	583
33	28	43	30	34	26	36	29	31	40	47	37	.....	712
25	26	34	28	32	36	36	33	39	26	29	31	.....	668
17	21	22	37	20	20	33	30	29	23	21	25	.....	557
14	9	13	11	16	14	11	5	10	10	10	14	.....	252
42	52	37	36	47	43	51	43	44	42	46	50	.....	1001
46	36	38	43	49	32	38	41	43	40	39	40	.....	847
20	20	30	20	31	32	28	31	33	22	26	32	....	599
30	33	29	36	30	30	28	34	32	41	27	38	.....	703
78	61	65	50	71	66	74	73	67	72	79	61	.....	1507
24	18	13	18	21	18	20	20	18	25	20	19	.....	426
40	28	38	34	44	38	31	28	33	28	38	30	2	755
23	29	22	21	16	19	14	13	16	13	19	21	43	461
16	16	12	22	26	21	20	14	16	14	36	23	.....	414
46	34	34	30	30	33	36	27	31	35	29	39	.....	767
32	27	27	24	24	19	19	22	25	27	31	28	.....	543
34	28	36	32	32	38	35	26	37	20	34	36	.....	742
31	34	35	33	30	40	49	44	44	35	49	43	.....	821
86	64	91	59	85	97	78	77	94	82	96	79	.....	1843

TABLE SHOWING NUMBER OF BIRTHS—Continued.

Counties.	April.		May.		June.		July.		Augus	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	
Morgan	11	11	22	12	11	9	18	24	16	
Morrow	9	14	7	10	10	11	7	11	7	
Muskingum	30	35	43	47	35	28	36	38	41	
Noble	21	16	19	19	25	19	13	25	27	
Ottawa	18	14	15	18	10	14	22	22	19	
Paulding	11	12	10	15	15	8	14	10	14	
Perry	26	26	28	23	28	18	33	25	25	
Pickaway	20	14	25	23	19	20	27	22	31	
Pike	9	17	22	20	11	19	12	16	21	
Portage	14	17	14	23	25	14	31	8	29	
Preble	19	16	16	17	18	16	17	17	20	
Putnam	15	15	22	25	20	21	29	16	27	
Richland	22	19	24	28	28	24	28	28	28	
Ross	33	18	31	28	23	21	48	39	20	
Sandusky	20	18	26	20	26	25	22	20	29	
Scioto	21	20	30	28	35	38	29	29	48	
Seneca	35	32	30	26	29	23	25	23	35	
Shelby	13	25	19	17	14	30	33	15	37	
Stark	68	65	55	49	62	58	65	61	63	
Summit	23	30	29	37	35	25	27	38	46	
Trumbull	33	46	37	31	40	43	39	32	23	
Tuscarawas	25	44	37	27	30	33	27	40	35	
Union	15	12	19	21	14	24	23	22	20	
Van Wert	22	19	23	18	15	25	28	30	30	
Vinton	12	19	18	17	18	14	21	14	16	
Warren	17	19	16	23	11	14	20	17	19	
Washington	52	43	37	48	38	35	59	47	49	
Wayne	38	30	36	28	37	28	31	31	37	
Williams	13	15	18	10	15	10	21	26	36	
Wood	17	35	32	24	32	20	22	15	40	
Wyandot	29	20	18	29	23	20	22	17	26	
Totals	2192	2152	2278	2162	2265	2161	2482	2326	2724	25

October.		November.		December.		January.		February.		March.		Total number births, sex unknown.	Total number of births.
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
23	23	14	19	15	20	19	21	27	22	26	28	1	460
10	15	8	11	11	17	9	11	16	12	14	8	51	331
56	38	42	48	49	38	56	49	60	40	60	48	.....	1081
26	26	21	29	21	20	26	20	24	23	26	25	.....	552
30	22	18	19	28	19	31	22	27	23	26	17	.....	479
20	16	15	10	19	11	20	21	28	16	28	18	.....	383
26	31	28	20	30	29	31	24	28	26	44	32	.....	677
23	30	27	22	30	22	24	38	28	18	20	30	3	606
25	13	18	24	20	19	31	27	20	22	23	19	1	481
27	13	22	20	23	21	17	20	20	16	23	24	.....	470
27	27	19	21	27	30	21	25	20	23	20	20	.....	512
26	23	32	29	33	33	27	35	29	24	42	33	.....	650
26	24	31	27	33	26	40	33	35	30	36	31	.....	703
39	40	42	32	38	36	33	36	54	34	46	42	.....	841
22	27	22	25	20	24	32	34	19	26	31	31	.....	610
42	36	28	31	30	35	44	40	38	36	42	42	.....	815
37	36	28	27	39	35	37	29	44	36	34	42	.....	787
30	22	34	11	21	15	31	35	20	26	30	32	.....	575
70	63	69	63	67	65	71	67	64	60	62	68	68	1598
37	29	28	30	38	34	33	39	41	54	39	53	1	856
43	42	36	42	49	59	48	46	39	48	56	38	.....	995
43	37	40	39	49	30	39	28	57	40	50	51	.....	923
31	24	26	20	21	22	32	23	23	18	35	25	.....	551
34	14	22	21	36	26	38	40	34	32	31	33	.....	653
25	23	23	15	18	19	27	31	30	27	28	22	.....	497
29	20	23	20	28	27	25	20	20	25	29	28	2	524
53	38	45	36	45	46	50	50	41	42	52	45	.....	1069
41	35	33	39	42	34	45	48	34	38	47	45	.....	871
25	22	17	27	19	16	22	27	24	28	27	16	.....	496
30	29	23	29	32	24	26	60	41	44	39	40	15	784
27	24	32	18	22	24	30	18	19	26	31	20	1	580
934	2671	2669	2475	2928	2736	3145	2904	3070	2779	3423	3244	1020	65132

TABLE EXHIBITING THE QUADRENNIAL ENUMERATION OF MALE
TWENTY-ONE YEARS ON THE 13TH DAY OF MAY, 1879, AS RETURN
OF COURTS OF COMMON PLEAS OF THE SEVERAL COUNTIES OF T
April 7 1863. O. L., Vol. 60, page 65.)*

Counties.	White.	Co
Adams	5,215	
Allen	6,128	
Ashland	5,693	
Ashtabula	9,279	
Athens	5,984	
Anglaize	5,832	
Belmont	10,275	
Brown	6,751	
Butler	9,784	
Carroll	3,557	
Champaign	6,582	
Clarke	9,302	
Clermont	8,066	
Clinton	5,368	
Columbiana	10,461	
Coshocton	5,916	
Crawford	6,115	
Cuyahoga	48,127	
Darke	9,493	
Defiance	4,938	
Delaware	6,366	
Erie	7,178	
Fairfield	----------	----
Fayette	4,533	
Franklin	20,674	
Fulton	4,849	
Gallia	5,382	
Geauga	4,191	
Greene	6,620	
Guernsey	5,509	
Hamilton	59,583	
Hancock	6,305	
Hardin	6,191	
Harrison	4,632	
Henry	4,538	
Highland	7,218	
Hocking	4,006	
Holmes	4,567	----
Huron	7,769	
Jackson	4,701	
Jefferson	7,534	
Knox	6,853	
Lake	4,649	
Lawrence	7,389	
Licking	10,174	
Logan	5,789	
Lorain	8,637	
Lucas	14,840	
Madison	4,468	
Mahoning	8,578	
Marion	4,658	
Medina	5,495	
Meigs	6,445	
Mercer	4,459	
Miami	8,115	
Monroe	5,591	
Montgomery	21,106	

* From Auditor of State's report.

Counties.	White.	Colored.	Total.
Morgan	4,605	33	4,638
Morrow	4,810	31	4,841
Muskingum	12,061	288	12,349
Noble	4,413	7	4,420
Ottawa	3,661	10	3,671
Paulding	2,623	121	2,744
Perry	5,902	7	5,909
Pickaway	5,959	262	6,221
Pike	3,590	254	3,844
Portage	7,167	24	7,191
Preble	5,879	76	5,955
Putnam	5,033	7	5,040
Richland	8,026	556	8,582
Ross	8,609	27	8,637
Sandusky	7,264	32	7,296
Scioto	6,553	280	6,833
Seneca	8,900	41	8,941
Shelby	5,289	132	5,421
Stark	14,077	16	14,093
Summit	10,621	80	10,701
Trumbull	10,134	43	10,177
Tuscarawas	8,154	17	8,171
Union	5,134	81	5,215
Van Wert	4,992	68	5,060
Vinton	3,569	22	3,591
Warren	7,529	281	7,810
Washington	9,504	287	9,791
Wayne	.....	.....	9,815
Williams	5,393	5	5,398
Wood	7,759	25	7,784
Wyandot	5,124	40	5,164
Totals	693,782	15,342	726,580

Comparative Summary.

Quadrennial enumeration of 1875	647,226
" " 1879	726,580
Increase since 1875	79,354
" " 1870	132,610
Total vote cast in October, 1879	670,711
" number not voting in October, 1879	55,869
" " male inhabitants over twenty-one years in 1870 (U. S. Census Report)	593,970
" vote of 1870	429,587
" number not voting in 1870	164,383
" population of Ohio (census of 1870)	2,665,260

TABLE SHOWING THE NUMBER OF SUITS FOR DIVORCE, CAUSE OF SUITS, DIVORCES GRANTED, ETC., IN EACH COUNTY OF OHIO AS REPORTED BX THE CLERKS OF COURTS FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Suits, etc.														Custody of children.			Cause of divorce.						
	Pending July 1, 1878.	Brought within year.	Total.	Decided within year.	Still pending.	Brought by husband.	Brought by wife.	Alimony allowed wife.	Granted to husband.	Refused husband.	Dismissed husband.	Granted to wife.	Refused wife.	Dismissed wife.	Cases in which question was raised.	Given to father.	Given to mother.	Adultery.	Absence and neglect.	Cruelty.	Drunkenness.	Fraud.	Miscellaneous.	Total.
Adams	5	11	16	9	7	6	10	2	3	....	1	3	....	2	....	....	....	4	9	3	....	....	....	16
Allen	7	17	24	21	3	9	15	3	4	....	2	9	....	6	1	....	3	2	14	4	2	1	1	24
Ashland	12	8	20	20	.....	3	17	5	3	1	1	13	2	...	...	....	....	5	11	2	....	....	2	20
Ashtabula	29	48	77	46	31	19	58	11	9	....	2	24	1	9	16	....	16	19	22	26	7	2	1	77
Athens	5	18	23	10	13	8	15	....	1	....	1	7	....	1	2	1	1	11	5	5	2	....	....	23
Auglaize	3	11	14	13	1	6	8	1	2	....	3	7	....	1	....	....	....	....	9	1	4	....	....	14
Belmont	9	25	34	20	14	15	19	3	4	....	2	10	....	4	...	....	7	7	10	15	1	1	....	34
Brown	7	12	19	13	6	10	9	5	6	....	1	4	....	2	6	1	5	6	9	3	....	1	...	19
Butler	6	29	35	18	17	15	20	2	6	....	2	9	....	1	....	....	3	3	19	8	3	1	1	35
Carroll	4	7	11	5	6	6	5	1	1	....	1	2	....	1	6	1	3	2	4	4	....	....	1	11
Champaign	10	16	26	21	5	10	16	5	5	2	1	8	4	1	4	1	12	9	7	8	2	....	...	26
Clarke	10	34	44	24	20	10	34	9	3	....	2	18	....	1	12	2	10	11	16	7	8	....	2	44
Clermont	16	20	36	25	11	16	20	2	8	....	3	9	....	5	4	1	3	7	14	7	3	....	5	36
Clinton	18	28	46	18	28	19	27	5	4	....	....	13	....	1	4	....	4	9	19	15	....	1	2	46
Columbiana	9	28	37	20	17	16	21	3	7	....	2	5	....	6	5	3	2	9	12	12	2	2	....	37
Coshocton	3	8	11	7	4	4	7	....	2	....	....	4	....	1	2	....	2	1	9	1	....	....	....	11
Crawford	4	11	15	14	1	5	10	....	4	....	1	8	....	1	2	1	1	2	8	4	....	....	1	15
Cuyahoga	68	204	272	204	68	62	210	29	23	4	18	111	3	45	41	3	41	51	87	51	65	9	9	272
Darke	21	48	69	45	24	26	43	27	14	1	1	21	4	4	....	9	14	8	45	12	2	2	....	69
Defiance	3	15	18	12	6	1	17	11	1	....	....	10	....	1	10	1	9	3	5	10	....	....	....	18
Delaware	17	16	33	16	17	19	14	2	1	....	5	4	....	6	1	....	1	6	11	2	6	1	7	33
	14	28	42	32	10	12	30	5	6	....	4	14	....	8	....	....	6	6	17	14	4	1	....	42
		14	29	16	13	1	28	16	1	....	....	15	....	....	12	1	11	7	14	5	3	....	....	29
Erie					7	5	6	....	2	....	....	2	....	4	2	2	....	4	4	1	2	....	....	11
Fairfield																								
Fayette	15																							
	5	6	11																					

Franklin	44	64	108	61	47	34	74	7	12	2	1	40	2	4	----	----	9	19	50	14	13	5	7	108
Fulton	5	10	15	14	1	4	11	1	2	...	2	3	----	7	4	----	1	4	9	2	----	----	----	15
Gallia	4	17	21	15	6	8	13	----	3	1	1	5	5	...	..	----	1	11	10	----	----	----	----	21
Geauga	11	14	25	17	8	7	18	----	3	----	2	9	----	3	1	. .	1	7	10	7	1	----	----	25
Greene	3	18	21	15	6	4	17	2	2	...	1	12	----	...	4	1	3	11	5	4	1	----	----	21
Guernsey	8	21	29	21	8	12	17	5	5	...	1	11	1	3	9	2	7	8	11	4	4	2	----	29
Hamilton	501	171	672	163	509	198	474	40	41	...	3	112	2	5	59	16	43	153	186	186	94	9	44	672
Hancock	4	23	27	20	7	11	16	1	10	...	...	10	----	...	...	1	5	2	21	4	----	...	----	27
Hardin	2	24	26	20	6	11	15	2	7	----	----	13	----	...	3	----	3	5	19	2	----	----	----	26
Harrison	4	4	8	4	4	2	6	1	1	----	----	3	----	...	2	...	2	1	6	1	...	----	----	8
Henry	3	7	10	9	1	2	8	1	1	----	----	3	----	5	1	...	1	1	4	3	2	----	----	10
Highland	3	6	9	7	2	2	7	----	3	----	----	6	----	...	----	----	1	1	7	1	----	----	----	9
Hocking	8	16	24	21	3	12	12	9	3	...	1	11	----	6	3	. ..	3	4	15	5	...	----	----	24
Holmes	3	9	12	9	3	3	9	3	2	...	----	5	----	2	1	----	1	1	6	4	1	----	----	12
Huron	5	31	36	32	4	10	26	7	7	...	1	20	----	4	7	1	6	5	22	6	3	----	----	36
Jackson	6	6	12	10	2	6	6	1	3	...	2	4	----	...	..	----	...	6	5	1	...	...	----	12
Jefferson	17	26	43	20	23	19	24	...	5	...	4	7	----	4	5	1	4	7	26	6	1	2	1	43
Knox	12	17	29	14	15	10	19	2	1	...	3	6	...	4	3	----	3	14	5	3	3	4	----	29
Lake	3	23	26	22	4	8	18	7	4	2	----	11	----	5	6	...	5	8	9	9	...	...	...	26
Lawrence	4	12	16	13	3	8	8	1	5	2	1	5	3	...	4	...	4	6	7	2	1	----	...	16
Licking	----	17	17	10	7	4	12	2	2	----	----	6	...	2	----	1	5	5	5	3	3	----	1	17
Logan	2	5	7	7	-----	2	5	3	2	...	...	5	...	----	----	...	1	2	3	1	...	----	1	7
Lorain	5	24	29	20	9	12	17	3	4	...	1	10	...	5	2	...	2	4	13	6	6	----	----	29
Lucas	35	78	113	80	33	32	81	22	20	----	4	39	2	14	8	2	6	51	30	10	14	----	8	113
Madison	6	6	12	12	-----	4	8	1	4	----	...	8	...	...	...	...	2	3	6	1	2	----	----	12
Mahoning	20	21	41	26	15	6	35	3	1	...	3	7	...	12	4	1	3	15	6	15	3	1	1	41
Marion	6	18	24	20	4	7	17	----	4	1	2	11	----	2	9	2	7	3	9	8	2	2	----	24
Medina	2	8	10	9	1	4	6	3	3	----	----	4	----	2	4	----	4	1	5	2	1	----	1	10
Meigs	7	11	18	14	4	5	13	----	2	----	...	6	----	6	3	----	8	8	7	1	2	----	----	18
Mercer	-----	3	3	-----	3	1	2	...	...	----	----	-----	----	----	----	----	----	3	-----	...	----	----	----	3
Miami	8	36	44	30	14	17	27	5	17	----	5	8	----	----	...	----	...	10	15	...	14	----	5	44
Monroe	5	3	8	5	3	3	5	----	3	----	----	2	----	----	2	...	2	2	6	...	----	----	----	8
Montgomery	69	72	141	55	86	44	97	6	16	----	3	27	----	9	8	----	8	18	67	36	9	4	7	141
Morgan	4	11	15	6	9	5	10	1	2	----	1	3	----	----	----	1	1	13	1	...	----	----	1	15
Morrow	5	13	18	13	5	5	13	2	...	----	2	3	4	----	----	----	1	8	6	2	2	----	...	18
Muskingum	23	21	44	14	30	9	35	4	...	----	3	10	----	1	----	----	7	12	15	7	1	3	6	44
Noble	-----	7	7	6	1	3	4	...	3	----	...	4	----	----	----	...	2	5	-----	...	2	----	...	7
Ottawa	6	13	19	16	3	4	15	2	3	----	1	6	3	3	4	2	2	1	9	6	2	----	1	19
Paulding	5	9	14	12	2	4	10	2	4	----	----	7	----	1	4	1	2	2	7	3	2	----	----	14
Perry	-----	12	12	9	3	2	10	4	1	----	----	6	----	2	4	----	4	1	6	4	----	----	1	12
Pickaway	5	20	25	17	8	9	16	----	6	...	----	9	----	2	7	1	2	7	9	6	----	----	3	25
Pike	-----	5	5	4	1	2	3	----	1	----	----	2	----	1	2	----	2	1	3	...	----	----	1	5

SUITS FOR DIVORCE—Continued.

Counties.	Suits, etc.														Custody of children.			Cause of divorce.						
	Pending July 1, 1878.	Brought within year.	Total.	Decided within year.	Still pending.	Brought by husband.	Brought by wife.	Alimony allowed wife.	Granted to husband.	Refused husband.	Dismissed husband.	Granted to wife.	Refused wife.	Dismissed wife.	Cases in which question was raised.	Given to father.	Given to mother.	Adultery.	Absence and neglect.	Cruelty.	Drunkenness.	Fraud.	Miscellaneous.	Total.
Portage	12	24	36	22	14	8	28	4	3	1	1	14	2	1	4	---	4	9	11	10	5	---	1	36
Preble	1	12	13	7	6	1	12	3	1	---	---	3	---	3	---	1	5	4	6	2	2	---	---	13
Putnam	1	15	16	14	2	1	15	2	1	---	---	11	---	2	6	1	5	---	10	2	3	1	---	16
Richland	21	25	46	21	25	8	38	5	4	1	1	13	1	1	6	2	4	15	20	9	1	1	---	46
Ross	4	14	18	12	6	10	8	---	5	---	---	5	---	2	---	---	1	2	11	1	3	1	---	18
Sandusky	6	36	42	33	9	8	34	5	6	---	1	17	---	9	10	2	8	9	10	17	4	---	1	42
Scioto	2	14	16	13	3	5	11	---	2	---	2	8	---	1	1	1	5	4	10	2	---	---	---	16
Seneca	5	37	42	35	7	11	31	2	6	---	4	24	---	1	11	---	11	1	32	4	2	2	2	42
Shelby	6	4	10	2	8	5	5	1	---	---	---	2	---	2	---	---	---	2	2	3	1	1	1	10
Stark	12	40	52	27	25	13	39	3	6	---	2	17	---	2	---	---	---	8	22	15	7	---	---	52
Summit	19	37	56	44	12	10	46	16	8	---	2	24	---	10	5	3	13	10	20	13	6	1	6	56
Trumbull	31	34	65	42	23	20	45	4	4	---	6	17	---	15	7	1	6	15	18	14	13	1	4	65
Tuscarawas	8	12	20	16	4	8	12	---	2	---	3	9	---	2	2	1	1	1	15	4	---	---	---	20
Union	6	19	25	16	9	9	16	2	3	---	2	11	---	16	11	3	8	6	19	---	---	---	---	25
Van Wert	8	17	25	18	7	10	15	8	4	---	2	10	---	4	1	---	5	5	13	3	1	2	1	25
Vinton	4	7	11	7	4	4	7	---	1	---	---	5	---	2	---	---	4	4	4	2	---	---	1	11
Warren	14	18	32	12	20	14	18	1	2	---	---	6	---	1	4	---	4	3	13	3	1	---	12	32
Washington	3	23	26	16	10	7	19	2	1	1	2	10	---	4	6	1	5	13	7	6	---	---	---	26
Wayne	10	18	28	19	9	7	21	6	4	---	---	11	---	2	---	---	8	5	17	4	2	---	---	28
Williams	1	15	16	12	4	4	12	5	4	---	1	7	---	4	---	---	6	3	8	2	2	1	---	16
Wood	5	33	38	32	6	14	24	4	11	---	1	15	---	5	15	3	8	5	19	13	1	---	---	38
Wyandot	4	21	25	22	3	12	13	2	7	---	3	9	---	3	3	1	2	4	18	2	1	---	---	25
Totals	1346	2069	3415	1969	1446	1047	2368	375	425	19	134	1047	39	305	396	80	442	809	1345	725	309	65	162	3415

TABLE EXHIBITING THE NUMBER AND NATIVITY OF PERSONS NATURALIZED IN OHIO FOR THE YEAR ENDING MARCH 31, 1879, AS REPORTED BY THE PROBATE JUDGE OF EACH COUNTY.

Counties.	Nativity of persons naturalized.														
	Austria.	British America and Canada.	Denmark.	England and Wales	France.	Germany.	Holland and Belgium.	Ireland.	Italy.	Russia.	Scotland.	Sweden and Norway.	Switzerland.	All others.	Total.
Adams	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	2	5
Allen	.....	.....	.....	3	.....	5	.....	2	.....	.....	.....	1	6	.....	17
Ashland	.....	.....	.....	3	2	2	.....	4	.....	.....	1	.....	.....	.....	12
Ashtabula	.....	2	.....	6	.....	1	.....	7	.....	.....	.....	1	.....	.....	17
Athens	.....	.....	.....	5	.....	1	.....	4	.....	1	.....	.....	1	.....	12
Auglaise	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Belmont	.....	.....	.....	4	1	5	.....	5	.....	.....	1	.....	.....	.....	16
Brown	.....	.....	.....	1	1	9	.....	.....	.....	.....	.....	.....	1	.....	12
Butler	.....	.....	.....	2	7	30	.....	7	.....	.....	.....	.....	2	1	49
Carroll	.....	.....	.....	1	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	4
Champaign	.....	.....	.....	.....	.....	3	.....	19	.....	.....	.....	.....	.....	.....	22
Clarke	2	1	.....	2	1	13	.....	10	.....	.....	2	.....	2	.....	33
Clermont	.....	.....	.....	1	1	7	.....	.....	.....	.....	.....	.....	.....	.....	9
Clinton	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Columbiana	.....	.....	.....	14	.....	6	.....	10	.....	.....	5	2	1	.....	38
Coshocton	.....	.....	.....	6	1	1	.....	7	.....	.....	2	.....	3	.....	20
Crawford	1	.....	.....	2	2	18	.....	.....	.....	.....	.....	.....	.....	4	27
Cuyahoga	39	17	4	96	2	212	7	56	2	19	18	2	2	1	477
Darke	.....	.....	.....	.....	1	16	.....	2	.....	.....	.....	.....	1	.....	20
Defiance	.....	7	.....	1	3	12	.....	1	.....	.....	.....	.....	4	.....	28
Delaware	.....	.....	.....	5	2	11	.....	13	.....	.....	.....	.....	.....	.....	31
Erie	6	.....	1	2	.....	89	.....	8	.....	1	.....	1	1	1	110
Fairfield	.....	.....	.....	3	.....	11	.....	2	.....	.....	.....	.....	.....	.....	16
Fayette	.....	1	.....	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....	4
Franklin	4	4	.....	11	6	83	.....	23	1	4	4	1	6	.....	147

NATURALIZATIONS IN OHIO—Continued.

Counties.	Nativity of persons naturalized.														
	Austria.	British America and Canada.	Denmark.	England and Wales.	France.	Germany.	Holland and Belgium.	Ireland.	Italy.	Russia.	Scotland.	Sweden and Norway.	Switzerland.	All others.	Total.
Fulton	.....	.....	.....	.....	3	10	.....	1	.....	.....	.....	1	8	.....	23
Gallia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Geauga	.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	4
Greene	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Guernsey	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	2
Hamilton	3	2	1	11	11	365	3	53	1	1	2	.....	5	1	459
Hancock	.....	.....	.....	1	1	12	.....	.....	.....	.....	.....	.....	2	.....	16
Hardin	.....	.....	.....	5	1	11	.....	.....	.....	.....	.....	.....	2	.....	19
Harrison	.....	.....	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	3
Henry	.....	1	.....	2	1	17	.....	.....	.....	.....	1	.....	1	.....	23
Highland	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hocking	.....	.....	.....	1	.....	5	.....	5	.....	.....	.....	.....	.....	.....	11
Holmes	.....	.....	.....	1	2	4	.....	1	.....	.....	.....	.....	2	.....	10
Huron	.....	2	1	13	.....	22	.....	5	.....	.....	.....	.....	1	.....	44
Jackson	.....	.....	.....	5	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	7
Jefferson	.....	.....	.....	8	.....	12	.....	15	.....	.....	1	.....	.....	.....	36
Knox	.....	.....	.....	8	.....	1	.....	2	.....	1	.....	.....	.....	.....	12
Lake	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence															

Medina	.....	1	.....	4	.....	3	.....	1	.....	.....	.....	.....	.....	.....	9
Meigs	.....	.....	1	5	.....	9	.....	.....	.....	.....	.....	.....	.....	.....	15
Mercer	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	1	.....	.....	.....	17
Miami	.....	.....	.....	.....	.....	17	.....	2	.....	.....	.....	.....	.....	.....	19
Monroe	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	8	.....	20
Montgomery	.....	3	1	.....	11	.....	74	.....	34	.....	.....	1	.....	3	.....	127
Morgan	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Morrow	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Muskingum	.....	6	.....	.....	5	.....	12	.....	3	.....	1	1	.....	.....	.....	28
Noble	.....	.....	.....	.....	2	1	4	.....	.....	.....	.....	.....	.....	.....	.....	7
Ottawa	.....	1	.....	.....	6	.....	68	.....	.....	.....	.....	.....	.....	1	.....	76
Paulding	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	3
Perry	.....	.....	.....	.....	9	.....	1	.....	7	.....	.....	4	.....	.....	2	23
Pickaway	.....	.....	.....	.....	.....	.....	1	.....	3	.....	.....	.....	.....	.....	.....	4
Pike	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	12
Portage	.....	.....	1	.....	5	.....	9	.....	5	.....	.....	.....	.....	2	.....	22
Preble	.....	.....	.....	.....	.....	.....	1	.....	3	.....	.....	1	.....	.....	.....	5
Putnam	.....	.....	.....	.....	3	1	3	.....	.....	.....	6	.....	.....	.....	4	17
Richland	.....	1	.....	.....	3	1	16	.....	3	1	.....	.....	1	.....	.....	26
Ross	.....	.....	.....	.....	3	1	14	.....	1	.....	.....	.....	.....	.....	.....	19
Sandusky	.....	1	1	1	4	3	35	5	.....	.....	.....	.....	1	.....	.....	51
Scioto	.....	.....	1	.....	4	1	16	.....	1	.....	.....	1	.....	.....	.....	24
Seneca	.....	1	.....	.....	.....	2	22	.....	1	.....	.....	.....	1	2	1	30
Shelby	.....	.....	.....	.....	1	1	9	.....	3	.....	.....	.....	.....	.....	.....	14
Stark	.....	.....	.....	1	16	11	27	1	4	2	.....	4	1	11	40	118
Summit	.....	1	2	.....	28	4	40	.....	13	1	.....	2	5	2	.....	98
Trumbull	.....	.....	.....	.....	22	1	9	.....	12	.....	.....	2	.....	.....	3	49
Tuscarawas	.....	.....	.....	.....	6	.....	10	.....	.....	.....	.....	.....	14	.....	.....	30
Union	.....	.....	.....	.....	3	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	6
Van Wert	.....	.....	.....	.....	.....	.....	4	.....	2	.....	.....	.....	.....	1	.....	7
Vinton	.....	.....	.....	.....	2	.....	4	.....	5	.....	.....	.....	.....	.....	.....	11
Warren	.....	.....	.....	.....	3	.....	5	.....	.....	.....	.....	.....	.....	1	.....	9
Washington	.....	.....	.....	.....	2	.....	5	.....	3	.....	.....	.....	.....	.....	.....	10
Wayne	.....	1	.....	.....	3	2	22	.....	3	2	.....	1	.....	15	.....	49
Williams	.....	2	.....	.....	.....	3	8	.....	2	.....	.....	.....	.....	1	2	18
Wood	.....	.....	.....	.....	3	1	5	.....	.....	.....	1	.....	1	.....	1	12
Wyandot	.....	1	2	.....	3	.....	12	.....	3	.....	.....	.....	.....	.....	.....	21
Totals	.....	76	62	13	516	92	1788	38	493	10	36	75	35	118	66	3418

IMMIGRATION INTO THE UNITED STATES FROM 1861 TO 1

During the year 1878 the number of persons of foreign l igrated to the United States was 153,207; the number who a was 130,526: the increase in 1878 over 1877 was, therefore, increase is another evidence of the improvement in bu United States in 1878.

The following table, compiled by the Secretary of the A and Steel Association—from the reports of the Bureau shows the number of emigrants who have arrived in the in each year since 1861:

Calendar years.	Number of immigrants.	Calendar years.
1861	89,720	1870
1862	89,005	1871
1863	174,523	1872
1864	193,191	1873
1865	248,394	1874
1866	314,840	1875
1867	293,601	1876
1868	289,145	1877
1869	385,287	1878

TABLE SHOWING THE NUMBER OF LETTERS OF GUARDIANSHIP ISSUED IN EACH COUNTY IN OHIO, FOR THE YEAR ENDING MARCH 31, 1879, AS REPORTED BY THE PROBATE JUDGES.

Counties.	Letters issued.	Children included in same.	Idiots included in same.	Insane persons included in same.	Imbecile persons included in same.	Drunkards.
Adams	32	57	.....	.....	4	.....
Allen	51	96	.....	2	4	.....
Ashland	27	37	.....	.....	6	.....
Ashtabula	27	37	.....	3	3	1
Athens	19	43	.....	.....	.....	.....
Auglaize	58	133	.....	4	1	.....
Belmont	29	39	.....	2	5	.....
Brown	22	48	.....	.....	1	.....
Butler	45	82	.....	2	6	.....
Carroll	19	35	.....	.....	4	.....
Champaign	39	62	.....	2	4	.....
Clarke	44	88	1	.....	2	.....
Clermont	47	36	.....	2	9	.....
Clinton	36	56	.....	2	4	.....
Columbiana	43	58	2	3	8	.....
Coshocton	23	45	.....	.....	4	.....
Crawford	26	50	.....	1	1	.....
Cuyahoga	157	294	.....	22	17	3
Darke	48	63	.....	2	5	.....
Defiance	16	37	.....	1	.....	.....
Delaware	27	38	.....	1	.....	.....
Erie	30	66	.....	2	5	.....
Fairfield	47	65	1	3	8	.....
Fayette	19	27	.....	1	3	.....
Franklin	88	148	.....	5	1	.....
Fulton	18	26	1	.....	1	.....
Gallia	29	47	.....	2	4	.....
Geauga	18	20	.....	1	5	.....
Greene	26	36	1	2	2	.....
Guernsey	20	39	.....	1	.....	.....
Hamilton	215	400	.....	19	3	.....
Hancock	36	59	.....	3	4	.....
Hardin	33	66	.....	2	2	.....
Harrison	16	23	.....	.....	2	.....
Henry	16	36	.....	.....	1	.....
Highland	36	67	.....	2	4	.....
Hocking	17	28	.....	1	2	.....
Holmes	30	89	2	1	3	.....
Huron	24	32	.....	6	.....	.....
Jackson	13	16	.....	1	1	.....
Jefferson	26	57	.....	.....	1	.....
Knox	43	63	.....	4	3	.....
Lake	25	29	3	3	1	.....
Lawrence	34	52	.....	2	1	.....
Licking	35	53	.....	4	6	.....
Logan	23	46	.....	1	1	.....
Lorain	34	43	.....	3	2	.....
Lucas	38	67	.....	1	2	.....
Madison	16	20	.....	1	3	.....
Mahoning	36	62	.....	1	5	.....
Marion	28	56	.....	.....	2	.....
Medina	23	35	.....	.....	1	.....
Meigs	22	40	.....	.....	2	.....
Mercer	40	72	.....	1	3	.....

LETTERS OF GUARDIANSHIP IN OHIO, ETC—Continued.

Counties.	Letters issued.	Children included in same.	Idiots included in same.	Insane persons included in same.
Miami	46	69	.....	2
Monroe	31	59	.....	2
Montgomery	66	115	.....	7
Morgan	19	32	.....	2
Morrow	20	25	.....	2
Muskingum	26	40	.....	2
Noble	8	20	.....	.....
Ottawa	14	15	.....	1
Paulding	15	18	.....	.....
Perry	20	38	.....	1
Pickaway	26	42	.....	2
Pike	11	42	1	.....
Portage	19	24	.....	2
Preble	19	34	.....	.....
Putnam	27	67	1	2
Richland	42	68	.....	1
Ross	41	79	.....	2
Sandusky	38	67	.....	1
Scioto	26	48	.....	2
Seneca	42	74	.....	1
Shelby	24	42	.....	1
Stark	70	96	.....	6
Summit	27	32	.....	5
Trumbull	34	51	.....	4
Tuscarawas	35	59	.....	5
Union	22	24	.....	1
Van Wert	17	35	.....	.....
Vinton	17	30	2	2
Warren	21	31	.....	2
Washington	25	38	.....	6
Wayne	56	80	.....	.....
Williams	25	38	1	2
Wood	36	49	2	4
Wyandot	21	27	.....	3
Totals	2,995	5,029	18	195

TABLE EXHIBITING THE NUMBER OF ESTATES ADMINISTERED UPON, ETC., IN OHIO, FOR THE YEAR ENDING MARCH 31, 1879, AS REPORTED BY THE PROBATE JUDGE OF EACH COUNTY.

Counties.	Wills admitted to probate.	Letters testamentary.	Letters of administration issued.	Estates administered upon.
Adams	28	13	33	46
Allen	23	16	44	60
Ashland	31	20	26	46
Ashtabula	54	38	36	74
Athens	14	5	16	30
Auglaize	35	23	38	33
Belmont	49	44	40	91
Brown	29	26	24	50
Butler	45	34	121	155
Carroll	22	13	15	28
Champaign	24	21	22	43
Clarke	35	25	56	77
Clermont	38	23	60	83
Clinton	27	13	33	46
Columbiana	60	33	56	89
Coshocton	26	12	29	76
Crawford	36	16	34	58
Cuyahoga	139	75	188	263
Darke	37	35	53	88
Defiance	16	7	33	30
Delaware	20	18	38	.....
Erie	35	24	38	62
Fairfield	40	24	51	75
Fayette	10	10	29	5
Franklin	76	47	83	130
Fulton	20	13	30	43
Gallia	21	15	29	44
Geauga	25	16	23	39
Greene	18	6	36	50
Guernsey	35	35	34	.....
Hamilton	265	132	289	471
Hancock	7	8	55	63
Hardin	14	7	30	37
Harrison	21	19	24	43
Henry	8	2	25	18
Highland	33	23	43	43
Hocking	11	10	12	22
Holmes	21	14	38	.....
Huron	40	23	24	45
Jackson	13	7	16	23
Jefferson	35	25	42	67
Knox	49	27	45	72
Lake	22	18	20	38
Lawrence	11	10	19	27
Licking	44	27	59	134
Logan	31	18	41	43
Lorain	55	23	45	68
Lucas	40	15	55	70
Madison	7	4	11	15
Mahoning	30	22	47	69
Marion	16	9	54	26
Medina	38	18	5	26
Meigs	24	12	22	34

TABLE EXHIBITING THE NUMBER OF ESTATES ADMINISTERED UPON, ETC.—Continued.

Counties.	Wills admitted to probate.	Letters testamentary.	Letters of administration issued.	Estates administered upon.
Mercer	16	3	37	.....
Miami	32	27	57	.....
Monroe	21	11	23	34
Montgomery	70	56	101	157
Morgan	23	13	29	42
Morrow	35	28	35	63
Muskingum	47	29	59	88
Noble	14	9	19	28
Ottawa	13	3	9	12
Paulding	3	3	9	9
Perry	23	16	28	44
Pickaway	17	6	46	45
Pike	16	2	25	27
Portage	43	31	34	65
Preble	26	19	38	57
Putnam	21	4	30	34
Richland	46	32	57	89
Ross	43	29	64	93
Sandusky	32	12	47	32
Scioto	14	5	38	43
Seneca	42	28	41	53
Shelby	31	12	37	56
Stark	62	31	76	107
Summit	57	29	53	82
Trumbull	60	38	82	116
Tuscarawas	53	23	54	77
Union	14	11	21	32
Van Wert	17	7	43	50
Vinton	10	8	20	28
Warren	41	32	32	72
Washington	28	15	40	55
Wayne	37	30	45	75
Williams	22	14	25	39
Wood	19	8	41	68
Wyandot	8	6	19	22
Totals	2959	1853	3783	5270

TABLE SHOWING THE NUMBER OF PERSONS SENT FROM EACH COUNTY IN OHIO TO HOSPITALS FOR THE INSANE FOR THE YEAR ENDING MARCH 31, 1879, AS REPORTED BY THE PROBATE JUDGE OF EACH COUNTY.

Counties.	White.		Colored.		Total.
	Males.	Females.	Males.	Females.	
Adams	6	2	.....	.....	8
Allen	8	1	.....	.....	9
Ashland	8	4	.....	.....	12
Ashtabula	5	6	.....	.....	11
Athens	10	.....	.....	1	11
Auglaize	4	4	.....	.....	8
Belmont	13	10	.....	.....	23
Brown	5	3	.....	1	9
Butler	7	5	.....	.....	12
Carroll	4	2	.....	.....	6
Champaign	5	6	.....	.....	11
Clarke	11	6	.....	.....	17
Clermont	5	9	1	.....	15
Clinton	6	5	.....	.....	11
Columbiana	5	10	.....	.....	15
Coshocton	3	7	.....	.....	10
Crawford	5	5	.....	.....	10
Cuyahoga	43	29	.....	.....	72
Darke	8	9	.....	.....	17
Defiance	2	3	.....	.....	5
Delaware	5	8	.....	.....	13
Erie	4	9	.....	.....	13
Fairfield	6	11	.....	.....	17
Fayette	5	5	.....	.....	10
Franklin	45	25	1	.....	71
Fulton	6	2	.....	.....	8
Gallia	7	2	2	1	12
Geauga	1	1	.....	.....	2
Greene	10	7	1	3	21
Guernsey	1	4	.....	.....	5
Hamilton	85	70	5	1	161
Hancock	4	6	.....	.....	10
Hardin	5	5	.....	.....	10
Harrison	3	4	.....	.....	7
Henry	2	1	.....	.....	3
Highland	7	8	.....	.....	15
Hocking	5	2	.....	.....	7
Holmes	10	5	.....	.....	15
Huron	3	7	.....	.....	10
Jackson	3	3	.....	.....	6
Jefferson	9	5	.....	.....	14
Knox	3	1	.....	.....	4
Lake	5	4	.....	.....	9
Lawrence	5	3	.....	.....	8
Licking	11	11	.....	.....	22
Logan	6	3	.....	1	10
Lorain	8	4	.....	.....	12
Lucas	15	23	.....	.....	38
Madison	4	3	.....	.....	7
Mahoning	9	8	.....	.....	17
Marion	5	.....	.....	.....	5
Medina	1	2	.....	.....	3
Meigs	2	6	.....	2	10
Mercer	2	2	.....	.....	4
Miami	4	6	1	.....	11

NUMBER OF PERSONS SENT TO OHIO HOSPITALS FOR THE INSANE

Counties.	White.		
	Males.	Females.	
Monroe	2	3	..
Montgomery	31	28	..
Morgan	1	2	..
Morrow	3	2	.
Muskingum	15	7	..
Noble	3	2	..
Ottawa	4	2	..
Paulding	6	3	..
Perry	5	9	..
Pickaway	9	13	..
Pike	3	.....	
Portage	7	3	..
Preble	2	4	..
Putnam	5	5	..
Richland	7	7	..
Ross	6	9	
Sandusky	7	7	..
Scioto	1	3	..
Seneca	*	*	
Shelby	1	1	...
Stark	8	19	...
Summit	9	9	...
Trumbull	12	6	...
Tuscarawas	4	4	...
Union	.....	.....	...
Van Wert	3	.....	
Vinton	1	2	...
Warren	7	7	...
Washington	3	5	...
Wayne	7	7	...
Williams	6	3	...
Wood	9	2	...
Wyandot	5	4	...
Totals	661	570	1

* Not reported.

TABLE SHOWING THE NUMBER OF BOYS SENT TO REFORM SCHOOLS BY THE PROBATE JUDGE OF EACH COUNTY IN OHIO, FOR THE YEAR ENDING MARCH 31, 1879.

Counties.	7 to 8.		8 to 9.		9 to 10.		10 to 11.		11 to 12.		12 to 13.		13 to 14.		14 to 15.		15 to 16.		Total.
	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	
Allen	....	....	....	....	....	..	....	....	1	....	....	....	....	....	1	....	....	....	2
Ashland	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Ashtabula	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1
Auglaize	....	....	....	1	....	1	..	1	1	....	....	....	....	1	....	....	....	....	5
Belmont	....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	....	1	....	6
Butler	....	....	....	....	....	....	..	....	..	1	....	1	1	1	1	1	1	....	7
Champaign	....	....	....	....	....	....	....	1	..	....	....	....	....	....	....	....	....	....	1
Clarke	....	....	....	....	....	....	3	....	1	....	....	....	....	....	1	....	1	....	6
Clermont	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
Clinton	....	....	....	....	....	....	....	....	..	....	....	....	....	....	1	....	....	....	1
Columbiana	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1	1	....	....	3
Coshocton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Crawford	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	2
Cuyahoga	....	....	....	....	....	4	1	3	1	3	2	1	2	....	2	1	1	1	22
Defiance	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	2
Delaware	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1
Fairfield	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	2
Fayette	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	2
Franklin	....	....	....	....	1	....	9	....	5	....	7	....	6	....	13	....	12	....	53
Fulton	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	....	....	....	4
Geauga	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	2
Greene	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	2	....	4
Hamilton	....	....	....	....	....	....	4	....	2	....	3	....	4	....	3	....	7	....	23

TABLE SHOWING THE NUMBER OF BOYS SENT TO REFORM SCHOOLS, ETC.—Continued.

Counties.	7 to 8.		8 to 9.		9 to 10.		10 to 11.		11 to 12.		12 to 13.		13 to 14.		14 to 15.		15 to 16.		Total.
	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	Lancaster.	Toledo.	
Hardin														1		1			2
Henry													1						1
Highland							1		1										2
Hocking							1		1										2
Knox																1			1
Lawrence											1								1
Licking													1		1				2
Logan									1		1								2
Lorain									1										1
Lucas								1		1				2		2		2	8
Madison							1				1		1						3
Mahoning								1		1		1		3		4			10
Marion		1				1		1		1								1	5
Miami				1			1		1					1					4
Montgomery									3		2		4		4		2		15

Scioto			1		1				1									3
Shelby							4					1						5
Stark									1									1
Summit							1	1			2	1						5
Tuscarawas														1				1
Van Wert									1							1		2
Warren														1				2
Washington									1					1				2
Wayne														1		1		2
Wood								1				1	1					3
Totals		1	3	2	6	8	33	10	36	10	33	6	33	14	43	11	37	6	292

TABLE EXHIBITING THE NUMBER OF GIRLS SENT TO THE INDUST SULPHUR SPRINGS BY THE PROBATE JUDGE OF EACH COUNTY D ENDING MARCH 31, 1879.

Counties.	7 to 8.	8 to 9.	9 to 10.	10 to 11.	11 to 12.	12 to 13.	13 to 14.
Allen				1			
Belmont							
Butler				1			2
Clarke							1
Clinton			1				
Coshocton					1		
Crawford		1		1			
Cuyahoga				1	1	2	
Franklin					2	2	1
Fulton			1			1	
Geauga				1			
Greene							
Hamilton						1	
Hardin						1	
Knox							
Lake							
Licking					1	1	
Logan						1	
Lucas					3	1	
Mahoning				2	1	2	
Marion				1			
Monroe				1			
Montgomery							
Muskingum					1	3	3
Ross	1						
Scioto				1			
Shelby			2				
Stark					1		
Tuscarawas							1
Warren					1		1
Wayne					1		
Totals	1	1	4	10	13	15	9

TABLE SHOWING THE NUMBER OF BOYS AND GIRLS SENT TO REFORM SCHOOLS BY COURTS OF COMMON PLEAS FOR THE YEAR ENDING JUNE 30, 1879—BOYS SENT TO LANCASTER AND TOLEDO; GIRLS TO INDUSTRIAL HOME AT WHITE SULPHUR SPRINGS.

Counties.	7 to 8.		8 to 9.		9 to 10.		10 to 11.		11 to 12.		12 to 13.		13 to 14.		14 to 15.		15 to 16.		Total.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Columbiana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
Coshocton	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2
Darke	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Gallia	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Greene	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	1	5
Hocking	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Holmes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	2
Huron	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2
Lucas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
Madison	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	3
Medina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1
Meigs	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	3
Putnam	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Richland	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	2
Seneca	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Totals	.....	.....	1	.....	.....	.....	2	.....	4	.....	5	.....	2	.....	5	.....	9	2	30

PAUPERISM AND ITS COST IN EACH COUNTY OF OHIO FOR CURREN' BY COUNTY AUDITORS.

Counties.	Total number of paupers in infirmary.	Number of paupers admitted to infirmary—current year.	Number of paupers otherwise supported by the county—current year.	Total cost of keeping paupers in infirmary—current year.	Total cost of keeping paupers otherwise supported by the county—
Adams	78	29	*	*	.....
Allen	58	31	14	$4,419	$640
Ashland	46	16	160	3,478	4,641
Ashtabula	108	31	77	9,516	1,496
Athens	118	49	.....	7,046	6,582
Auglaize	32	18	5	2,162	523
Belmont	157	138	20	9,060	4,568
Brown	75	38	21	4,867	1,093
Butler	112	134	435	7,821	9,618
Carroll	31	8	6	1,280	130
Champaign	125	65	46	4,312	896
Clarke	71	73	.....	7,281	259
Clermont	141	72	5	7,146	300
Clinton	79	63	7	6,000	800
Columbiana	102	30	45	4,669	935
Coshocton	50	33	110	3,085	2,502
Crawford	82	379	4	1,616	2,767
Cuyahoga	*	*	*	*	7,244
Darke	114	193	150	8,314	1,940
Defiance	24	18	46	1,434	1,216
Delaware	87	55	.....	5,679	4,835
Erie	67	51	395	4,010	7,778
Fairfield	134	39	36	10,060	2,420
Fayette	94	65	.....	9,740	3,984
Franklin	264	320	2,640	30,000	8,000
Fulton	50	14	*	5,819	*
Gallia	80	100	*	3,606	4,509
Geauga	46	10	73	3,034	838
Greene	136	182	8	9,224	325
Guernsey	57	24	*	3,006	3,300
Hamilton	766	553	14,536	55,048	10,617
Hancock	54	36	77	2,811	1,179
Hardin	63	109	1	1,576	1,896
Harrison	93	12	20	4,603	3,772
Henry	35	52	80	1,152	1,060
Highland	40	.....	25	4,556	2,291
Hocking	38	10	13	3,129	3,413
Holmes	40	20	10	1,977	417
Huron	64	*	*	7,186	5,597
Jackson	73	98	550	4,002	9,285
Jefferson	74	57	220	8,425	3,323
Knox	75	24	*	5,797	1,967
Lake	46	12	50	3,500	1,000
Lawrence	15	215	190	4,171	4,065
Licking	122	104	24	9,874	699
Logan	62	35	*	4,470	1,716
Lorain	78	34	75	4,070	2,905
Lucas	82	86	109	5,478	8,585
Madison	87	89	*	7,050	2,706
Mahoning	85	93	332	8,316	7,522
Marion	59	21	5	4,181	424

unties.	Total number of paupers in infirmary.	Number of paupers admitted to infirmary—current year.	Number of paupers otherwise supported by the county—current year.	Total cost of keeping paupers in infirmary—current year.	Total cost of keeping paupers otherwise supported by the county—current year.	Total cost reported.	Average cost of each pau per per day.
.....	50	23	*	$5,094	*	$5,094	*
.....	63	82	*	3,520	$1,844	5,364	$0 13
.....	26	26	27	1,559	795	2,354	.....
.....	137	.....	*	9,771	*	9,771	19
.....	42	37	17	2,369	1,227	3,596	60
iery	140	138	30	21,005	1,489	22,494	19
.....	96	32	120	5,233	4,397	9,630	10
.....	30	9	12	2,400	539	2,939	22
um	346	157	100	10,659	3,559	14,218	84
.....	102	12	150	2,56[illegible]	2,999	5,567	11
.....	36	46	12	2,975	525	3,500	20
.....	44	68	94	2,221	465	2,686	*
.....	115	35	52	3,578	3,536	7,114	17
y	124	56	*	7,987	8,056	16,043	17
.....	45	37	101	3,620	1,474	5,094	[illegible]
.....	54	6	2	4,614	*	4,614	23
.....	59	18	7	6,200	1,394	7,594	25
.....	49	25	60	2,034	1,888	3,922	40
.....	55	21	285	4,817	3,976	8,793	63
.....	156	141	*	9,960	*	9,960	22
y	61	22	381	5,039	7,264	12,303	19
.....	44	*	*	4,982	3,074	[illegible]056	31
.....	40	19	*	6,139	984	7,123	37
.....	51	43	6	4,468	257	4,725	27
.....	175	154	82	9,500	3,750	13,250	15
.....	82	68	840	3,292	5,800	9,092	17
l	99	40	2	4,452	1,827	6,279	15
was	130	76	110	5,562	2,082	7,644	*
.....	114	36	15	4,143	912	5,055	12
t	43	51	107	1,945	1,198	3,143	14
.....	69	27	52	2,429	3,112	5,541	12
.. ..	118	132	30	5,108	684	5 792	13
[illegible]on	70	34	304	3,896	11,695	15,591	20
.....	120	72	60	10,0[illegible]0	2,828	12,908	22
.....	35	28	*	1,424	1,268	2,692	29
.....	60	100	125	3,402	2,827	6,229	16
t	42	42	*	5,049	*	5,049	*
[illegible]tals	7,[illegible]72	5,751	23,823	$522,090	$24[illegible],295	$771,833	.....

*Not reported.

TABLE EXHIBITING THE JAIL STATISTICS OF OHIO, AS REPORTED BY THE SHERIFF OF EACH COUNTY, FOR THE YEAR ENDING JUNE 30, 1879.

Counties	Nativity of prisoners.																			Color.			Cost.	
	Foreign.																Native.							
	Austria.	British America and Canada.	Denmark.	England and Wales.	France.	Germany.	Holland and Belgium.	Ireland.	Italy.	Russia.	Scotland.	Spain.	Sweden and Norway.	Switzerland.	Other countries.	Unknown.	Total foreign and unknown.	Ohio.	Other States.	Total native.	Total No. white prisoners.	Total No. colored prisoners.	Total number of prisoners.	Average cost per day of keeping prisoners.	Total annual cost of keeping prisoners.
Adams	----	------	----	------	----	------	----	------	----	----	----	----	----	----	------	------	------	15	4	19	19	4	23	$0 58	$1,411 00
Allen[a]	----	------	----	------	----	------	----	------	----	----	----	----	----	----	------	------	------	------	------	------	------	------	------	------	------
Ashland	----	1	----	------	----	1	----	------	----	----	----	----	----	----	------	------	2	13	12	25	27	------	27	50	241 00
Ashtabula	----	1	----	------	----	------	----	6	----	----	----	----	----	----	------	4	11	25	41	66	77	------	77	------	853 00
Athens	----	------	----	------	----	1	----	------	----	----	----	----	----	----	------	------	1	18	7	25	26	5	31	82	569 00
Auglaize	----	------	----	------	----	3	----	12	----	----	----	----	----	----	------	------	15	47	------	47	62	------	62	62	613 00
Belmont	----	------	----	------	----	4	----	4	----	----	----	----	----	----	------	------	8	35	10	45	53	4	57	75	364 00
Brown	----	------	----	------	----	------	----	------	----	----	----	----	----	----	------	------	------	15	1	16	16	6	22	70	276 00
Butler	----	------	----	------	----	------	----	------	----	----	----	----	----	----	------	------	------	90	------	90	90	17	107	------	206 00
Carroll	----	------	----	------	----	1	----	10	----	----	----	----	----	----	------	------	11	20	------	20	31	------	31	50	125 00
Champaign	----	------	----	------	----	1	----	4	----	----	----	----	----	----	------	2	7	34	6	40	47	3	50	50	1,221 00
Clarke	----	2	----	5	1	6	----	17	----	----	2	----	----	----	------	17	50	27	31	58	108	25	133	41	2,550 00
Clermont	----	------	----	------	----	2	----	1	----	----	----	----	----	----	------	1	4	21	11	32	36	5	41	59	1,145 00
Clinton	----	------	----	------	2	2	----	7	----	----	----	----	----	----	------	------	11	70	------	70	81	17	98	50	1,359 00
Columbiana	----	1	----	7	----	3	----	12	----	----	----	----	----	----	------	15	38	52	19	71	109	2	101	50	*
Goshocton	----	------	----	------	----	1	----	------	----	----	----	----	----	----	------	------	1	40	2	42	43	------	43	50	610 00
Crawford	----	------	----	1	1	2	----	------	----	----	3	----	----	----	------	------	6	31	7	38	44	2	46	50	1,224 00

| | | |

JAIL STATISTICS IN OHIO, AS REPORTED BY THE SHERIFF OF EACH COUNTY—Continued.

Counties.	Nativity of prisoners.																				Color.		Total number of prisoners.	Cost.	
	Foreign.																Native.								
	Austria.	British America and Canada.	Denmark.	England and Wales.	France.	Germany.	Holland and Belgium.	Ireland.	Italy.	Russia.	Scotland	Spain.	Sweden and Norway.	Switzerland.	Other countries.	Unknown.	Total foreign and unknown.	Ohio.	Other States.	Total native.	Total No. white prisoners.	Total No. colored prisoners.		Average cost per day of keeping prisoners.	Total annual cost of keeping prisoners.
Vinton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	.....	37	.....	37	37	.....	37	$0 71	$307 00
Warren	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	1	4	28	....	28	32	17	49	82	986 00
Washington	....	....	....	3	....	....	....	.....	1	....	....	....	....	....	....	.....	4	47	13	60	64	10	74	43	632 00
Wayne	....	....	....	....	*	....	....	.....	....	....	....	....	....	....	....	.....	.....	48	2	50	50	.....	50	64	926 00
Williams	....	3	....	5	2	29	2	28	....	....	....	....	....	....	....	.....	69	46	30	76	145	1	146	50	590 00
Wood	2	1	....	.....	....	2	....	1	....	....	....	....	....	....	....	.....	6	17	10	27	33	2	35	55	730 00
Wyandot	....	.....	....	.....	....	2	....	2	....	....	....	....	....	....	....	.....	4	81	4	85	89	.....	89	70	722 00
Totals	20	70	1	185	35	449	32	637	12	4	35	1	8	11	14	227	1739	4296	1246	5833	7398	702	7966	.....	$91,416 00

* Amount not reported.

ANNUAL REPORT OF THE PRESIDENT OF THE OHIO STATE UNIVERSITY, AT COLUMBUS, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of inmates.					
				Ohio.		Other States.		Foreign countries.	
				Males.	Females.	Males.	Females.	Males.	Females.
No. of students in the institution November 15, 1878	166	32	198	188	32	8	.....	2	.....
No. of students admitted during the year	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total number current year	.....	.....	293	.....	.....	.....	.....	.....	.....
Number died	.....	.....	.....	.....	.....	.....	.....	.....	.....
Number remaining in the institution November 15, 1879	171	29	200	.....	.....	.....	.....	.....	.....

REMARKS.—No deaths current year. Average age of students, about 19.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE OHIO UNIVERSITY, AT ATHENS, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of inmates.		
				Ohio.	Other States.	Foreign countries.
No. of students in the institution November 15, 1878	39	14	53	.....	.....	.....
No. of students admitted during the year	26	6	32	26	5	1
Total number current year	68	21	89	.....	.....	.....
Number discharged	.....	.....	.....	.....	.....	.....
Number died	.....	.....	.....	.....	.....	.....
Number remaining in the institution November 15, 1879	.....	.....	.....	.....	.....	.....

REMARKS.—No deaths current year.

Age of Students Admitted Current Year.

	15	17	18	19	20	21	22	23
Males	1	3	2	3	4	5	6	2
Females	1	1	.....	2	1	.....	1	.....

ANNUAL REPORT OF THE SUPERINTENDENT OF THE OHIO INSTITUTION F
DUMB, AT COLUMBUS, OHIO, FROM NOVEMBER 15, 1878, TO NOVEM

No. of pupils in the institution November 15, 1878*	
No. of pupils admitted during the year†	
Total number current year‡	
Number discharged‖	
Number died	
Number remaining in the institution November 15, 1879	

* Probably all American born. † First admissions. ‡ Including re-
cluding all absent.

Mortuary Record, November 15, 1878, *to November* 15, 18

Males	
Females	

Age of Inmates Admitted Current Year.

	25	18	17	16	14	13	12	11	10
Males	....	....	1	2	3	1	2	3	2
Females	1	1	....	1	1	1	1	2	4

ANNUAL REPORT OF THE SUPERINTENDENT OF THE OHIO INSTITUTION FOR THE EDUCATION OF THE BLIND, COLUMBUS, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of pupils.					
				Ohio.		Other States.		Foreign countries.	
				Males.	Females.	Males.	Females.	Males.	Females.
Number of pupils in the institution Nov. 15, 1878	85	85	170	71	63	17	15	8	....
Number of pupils admitted during the year	32	22	54	.....	.....	.....	.....	.....	....
Former pupils returned	.....	.....	19	.....	.....	.....	.....	.....	....
Total No. current year	.....	.....	243	.....	.....	.....	.....	.....	....
Number discharged	.....	.....	64	.....	.....	.....	.....	.....	....
Number died	1	.....	1	.....	.....	.....	.....	.....	....
Number remaining in the institution Nov. 15, 1879	91	87	178	.....	.....	.....	.....	.....	....

REMARKS.—Unable to get the nativity of several, as they were not present when report was made.

Mortuary Record, November 15, 1878, *to November* 15, 1879.

	Typhoid fever.	Total number of deaths.
Males	1	1
Females	.....	.....

Age of Inmates Admitted Current Year.

	Under 21.	Over 21.	Average age.
Males	148	30	16 5-6
Females	.....	.....	17
			16 1-2

REMARKS.—Ages of those present November 15, 1879.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE OHIO INSTITUTIO CATION OF IMBECILE YOUTH, COLUMBUS, OHIO, FROM NOVEMBER VEMBER 15, 1879.

	Males.	
Number of pupils in the institution November 15, 1878...	285	
" admitted during the year	24	
Total number current year	309	
Number discharged.....	20	
Number died.....	4	
Number remaining in the institution November 15, 1879..	285	

Mortuary Record, November 15, 1878, *to November* 15, 187

	Consumption.	Convulsions.	Paralysis.	
Males.....	1	2	.....	
Females	2	.....	1	

Age of Inmates Admitted Current Year.

	6	8	9	10	11	12	13	14	1
Males	....	1	2	4	3	2	3	3	
Females	1	4	....	....	2	....	....	....	..

ANNUAL REPORT OF THE SUPERINTENDENT OF THE OHIO SOLDIERS' AND SAILORS' ORPHANS' HOME, XENIA, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of inmates.					
				Ohio.		Other States.		Foreign countries.	
				Males.	Females	Males.	Females.	Males.	Females.
Number of orphans in the institution Nov. 15, 1878	.....	.....	.....	.....	.....	.....	.....	.....	....
Number of orphans admitted during the year	.....	.....	.....	.....	.....	.....	.....	.....	....
Total number current year	61	31	92	[illegible]	30	2	1	.....	....
Number discharged	47	30	77	.....	.....	.....	.....	.....	...
Number died	.....	3	3	.....	.....	.....	.....	.....	....
Number remaining in the institution Nov. 15, 1879	353	211	564	348	249	5	2	.....	....

GENERAL REMARKS.—Report to Governor last year makes 600 present on November 15, 1878. Have no data by which that number can be accounted for, the fire destroying the records in that respect. The above is as found by records April 23, 1879, and since.

Mortuary Record, November 15, 1878, to November 15, 1879.

	Acute articular rheumatism.	Acute tuberculosis.	Typhoid fever.	Total number of deaths.
Females	1	1	1	3

Age of Inmates Admitted Current Year.

	3	4	5	6	7	8	9	10	11	12	13	14	15	Total.
Males	3	1	3	4	5	9	5	10	8	7	5	....	1	61
Females	....	....	2	3	5	3	4	6	2	2	3	1	....	31

ANNUAL REPORT OF THE SUPERINTENDENT OF THE GIRL'S INDUSTRI
SULPHUR SPRINGS, OHIO, FROM NOVEMBER 15, 1878, TO NOVEM

Number of girls in the institution November 15, 1878.....
Number of girls admitted during the year.....

Total number current year.....
Number discharged.....
Number remaining in the institution November 15, 1879.....

GENERAL REMARKS.—Courts fail in so many instances to give us lack data on that subject.

We are glad to be able to report that no deaths have occurred durin the girls.

In the death of R. Hills, M. D., the institution has lost an efficient s superintendent, and the State one of its distinguished public men. career was marked by efficiency and uprightness, and his last days we and hope. He died at the Home, October 9, at 4¼ o'clock, evening.

N. S. SMITH,

ANNUAL REPORT OF THE SUPERINTENDENT OF THE OHIO REFORM SCH
OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 187

	Males.	Nativit	
		Ohio.	O St
Number of boys in the institution Nov. 15, 1878....	502	194	
Number of boys admitted during year.....	247	.....	...
Total number current year.....	749	.....	...
Number discharged	235	.....	...
Number remaining in the institution November 15, 1879	514	.....	...

REMARKS.—No deaths current year.

The number given under "nativity of inmates" refers to those admi year.

The records are not sufficiently perfect to enable us to give nativity of tution.

J. W. BEI

Age of Inmates Admitted Current Year.

	9	10	11	12	13	14	15	
Males.....	1	42	34	42	36	35	42	

ANNUAL REPORT OF THE SUPERINTENDENT OF THE TOLEDO HOUSE OF REFUGE AND CORRECTION,* TOLEDO, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males	Total.	Nativity of inmates.		
			Ohio.	Other States.	Foreign countries.
Number of inmates in the institution Nov. 15, 1878	165	.....	60	19	9
Number of inmates admitted during the year	88	.....	.....	.....	.....
Total number current year	.....	253	.....	.....	.....
Number discharged	.....	76	.....	.....	.....
Number remaining in the institution Nov. 15, 1879	.....	177	.....	.....	.....

Age of Inmates Admitted Current Year.

	8	9	10	11	12	13	14	15
Males	1	1	8	13	11	23	15	16

*Not under State control. No deaths occurred during the year.

ANNUAL REPORT OF THE SUPERINTENDENT OF THE ATHENS ASYLUM FOR THE INSANE, ATHENS, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of patients.					
				Ohio.		Other States.		Foreign countries.	
				Males.	Females.	Males.	Females.	Males.	Females.
Number of patients in the institution Nov. 15, 1878	261	313	574	142	174	57	78	62	61
Number of patients admitted during the year	119	83	202	74	50	35	27	10	6
Total number under treatment current year	380	396	776	216	224	92	105	72	67
No. discharged as recovered	77	52	129	47	30	22	11	8	11
No. discharged as improved	4	4	8	2	6	2	5	.....	.....
No. discharged as unimproved	14	11	25	6	2	6	1	2	1
Number died	26	17	43	14	7	10	5	2	
Number remaining in the institution Nov. 15, 1879	259	312	571	147	177	52	81	60	54

Occupation of Patients.

	Farmers.	Merchants.	Laborers.	Telegraph operators.	Railroad operatives.	Other occupations.	No occupation.	Condi	
								Married.	
Males	54	6	21	1	1	27	9	58	
Females	.....	.....	.....	.....	.....	.....	.....	49	

Cause of Insanity.

	Moral causes.	Zymotic diseases.	Constitutional diseases.	Diseases of nervous system.	Diseases of organs of circulation.	Diseases of digestive organs.	Diseases of urinary organs.	Diseases of generative organs.	Developmental diseases.
Males	41	.....	3	16	.....	4	1	2	2
Females	45	1	2	4	1	.....	.....	16	1

Mortuary Record, November 15, 1878, *to November* 15, 1879.

	Phthisis.	Exhaustive mania.	Paresis.	Diseases super renal capsul.	Exhaustive melancholia.	Apoplexy.	Epilepsy.	Erysipelas phlegmonous.	Cerebral.	Pneumonia.	Chronic diarrhœa
Males	5	1	2	1	....	2	1	1	3	2	1
Females	5	....	....	....	2	....	....	....	3	1	....

Age of Patients Admitted Current Year.

	Under 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Unknown.
Males	.....	17	31	25	19	17	8	5	3
Females	1	7	22	18	13	10	6	4	1

ANNUAL REPORT OF THE SUPERINTENDENT OF THE CLEVELAND ASYLUM FOR THE INSANE, NEWBURGH, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males	Females.	Total.	Nativity of patients.					
				Ohio.		Other States		Foreign countries.	
				Males.	Females.	Males.	Females.	Males.	Females.
Number of patients in the institution Nov. 15, 1878	303	297	600	144	130	60	59	96	111
Number of patients admitted during the year	122	111	233	54	49	28	31	38	28
Total number under treatment current year	425	408	833	198	179	88	90	134	139
No. discharged as recovered	54	47	101	31	19	12	18	11	10
No. discharged as improved	24	27	51	13	8	7	6	4	13
No. discharged as unimproved	22	20	42	7	5	5	5	10	10
Number died	21	12	33	6	6	7	4	8	2
Number remaining in the institution Nov. 15, 1879	304	302	606	141	141	59	50	101	104

Occupation of Patients.

	Farmers.	Merchants.	Mechanics.	Ministers.	Lawyers.	Doctors.	Laborers.	Teachers.	Manufacturers.	Telegraph operators.	Housekeepers.	Seamstresses.	Other occupations.	No occupation.
Males	154	27	23	3	4	2	99	3	4	2	....	....	151	22
Females	....	....	....	....	....	....	....	8	....	....	349	12	....	36

Condition of Patients.

	Married.	Single.	Widow
Males	58	59	3
Females	70	34	7

Cause of Insanity.

	Hereditary.	Moral causes.	Zymotic diseases.	Constitutional diseases.	Diseases of nervous system.	Diseases of organs of circulation.	Diseases of respiratory organs.	Diseases of generative organs.	Developmental diseases.	
Males	5	19	1	4	4	2	.....	.....	....	
Females	2	30	.....	4	5	.....	3	36	1	

Mortuary Record, November 15, 1878, *to November* 15, 1879

	Apoplexy.	Bright's disease.	Epilepsy.	Acute maniacal exhaustion.	Chronic maniacal exhaustion.	Exhaustion from acute melancholia.	Typhoid fever.	Marasmus senilis.	Paresis.	Consumption.	Suicide.	
Males	3	....	2	6	....	....	....	2	6	1	....	..
Females	2	1	....	1	2	2	1	....	....	....	1	

Age of Patients Admitted Current Year.

	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.
Males	2	20	16	15	15	18	9	7	4	6	6	3	1
Females	4	15	17	15	16	12	12	9	7	3	....	2	1

ANNUAL REPORT OF THE SUPERINTENDENT OF THE COLUMBUS ASYLUM FOR THE INSANE, COLUMBUS, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of patients.						Number of incurables.
				Ohio.		Other States.		Foreign countries.		
				Males.	Females.	Males.	Females.	Males.	Females.	
Number of patients in the institution Nov. 15, 1878	391	459	850	.....	.....	.....	.....	.....	.....	...
Number of patients admitted during the year	191	195	386	121	135	33	28	37	32	...
Total number under treatment current year	582	654	1236	.....	.....	.....	.....	.....	.....	...
No. discharged as recovered	129	94	223	.....	.....	.....	.....	.....	.....	...
No. discharged as improved	11	34	45	.....	.....	.....	.....	.....	.....	...
No. discharged as unimproved	33	51	84	.....	.....	.....	.....	.....	.....	...
Number died	36	18	54	.....	.....	.....	.....	.....	.....	...
Number remaining in the institution Nov. 15, 1879	373	457	830	.....	.....	.....	.....	.....	.....	506

REMARKS.—Number of incurables is only proximate.

Occupation and Condition of Patients.

	Farmers.	Merchants.	Mechanics.	Ministers.	Laborers.	Teachers.	Manufacturers.	Housekeepers.	Seamstresses.	Other occupations.	No occupation.	Married.	Single.	Widowed.
Males	102	4	30	1	22	2	4	....	....	15	11	92	91	8
Females	....	....	....	....	....	2	....	149	30	14	....	121	61	13

Cause of Insanity.

	Hereditary.	Moral causes.	Zymotic diseases.	Diseases of nervous system.	Diseases of organs of circulation.	Diseases of digestive organs.	Diseases of generative organs.
Males	4	53	6	23	1	.....	1
Females	5	52	.....	20	.....	1	31

Mortuary Record, November 15, 1878, *to November* 15, 1879

	Epilepsy.	Old age.	Abscess and inanition.	Maniacal exhaustion.	Phthisis.	Apoplexy.	Softening of brain.	Inanition.	Capillary bronchitis.	Paresis.	Cerebral congestion.	Pneumonia.	Phlegmenous erysipelas.	Dysentery.
Males	2	2	..	7	4	6	2	4	1	2	..	1	1	..
Females	..	..	1	4	3	2	1	1	..	1	1	..	..	3

Age of Patients Admitted Current Year.

	Under 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	
Males	1	12	52	45	32	27	1
Females	3	6	38	62	49	31	

ANNUAL REPORT OF THE SUPERINTENDENT OF THE DAYTON ASYLUM FOR THE INSANE, DAYTON, OHIO, FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of patients.					
				Ohio.		Other States.		Foreign countries.	
				Males.	Females.	Males.	Females.	Males.	Females.
Number of patients in the institution Nov. 15, 1878	262	305	567	63	43	20	13	26	9
Number of patients admitted during the year	101	73	174	.....	.....	.....	.....	.....	....
Total number under treatment current year	363	378	741	.....	.....	.....	.....	.....	....
No. discharged as recovered	42	30	72	.....	.....	.....	.....	.....	....
No. discharged as improved	12	14	26	.....	.....	.....	.....	.....	....
No. discharged as unimproved	4	3	7	.....	.....	.....	.....	.....	....
Number died	17	20	37	.....	.....	.....	.....	.....	....
Number remaining in the institution Nov. 15, 1879	288	311	599	.....	.....	.....	.....	.....	....

Occupation of Patients.

	Farmers.	Mechanics.	Doctors.	Laborers.	Other occupations.	No occupation.
Males	43	2	1	23	28	4
Females	.....	.....	.....	....	.....	.....

Cause of Insanity.

	Hereditary.	Moral causes.	Zymotic diseases.	Constitutional diseases.	Diseases of nervous system.	Diseases of digestive organs.	Diseases of urinary organs.	Diseases of generative organs.	Alcoholism.	Self-abuse.	Unknown.
Males	8	18	4	1	11	2	1	.....	10	9	44
Females	12	17	.....	3	5	2	.....	12	.....	1	29

Mortuary Record, November 15, 1878, *to November* 15, 18

	Exhaustion from mania.	Paralysis.	Consumption.	Dysentery.	Epilepsy.	Pneumonia.	Suicide.	Typhoid fever.	Old age.	Peritonitis.
Males	4	1	3	....	2	....	1	1	1	1
Females	6	3	5	1	1	1	....	....	1	....

Age of Patients Admitted Current Year.

	15 to 20.	20 to 30.	30 to 40.	40 to 50.
Males	15	34	10	18
Females	5	13	21	9

ANNUAL REPORT OF THE SUPERINTENDENT OF THE LONGVIEW ASY SANE, CARTHAGE, OHIO, FROM OCTOBER 31, 1878, TO OCTOBE

	Males.	Females.	Total.	Nativity of		
				Ohio.		Other
				Males.	Females.	Males.
Number of patients in the institution October 31, 1878 ..	317	343	660	.....	.....	.....
Total number of patients admitted during the year	87	91	178	34	33	10
Total number under treatment current year.....	404	434	838	.....	.....	.....
No. discharged as recovered ..	20	37	57	.....	.....	.....
No. discharged as improved ..	8	13	21	.....	.....	.....
No. discharged as unimproved	11	6	17	.....	.....	.....
Number died	34	21	55	.....	.....	.....
Eloped	2	.....	2	.....	.....	.....
Not insane.....	3	.....	3	.....	.....	.....
Number remaining in the institution October 31, 1879 ..	326	357	683	.....	.....	.....

Occupation and Condition of Patients.

	Farmers.	Merchants.	Mechanics.	Lawyers.	Doctors.	Laborers.	Teachers.	Manufacturers.	Railroad operatives.	Housekeepers.	Seamstresses.	Other occupations.	No occupation.	Married.	Single.	Widowed.
Males	6	3	14	1	2	21	....	9	1	....	....	19	11	34	49	4
Females	....	....	2	....	....	....	4	1	....	40	6	15	23	38	36	17

Cause of Insanity.

	Hereditary.	Moral causes.	Zymotic diseases.	Constitutional diseases.	Diseases of nervous system.	Diseases of generative organs.	Developmental diseases.	Injuries.	Alcoholism.	Self-abuse.	Unknown.
Males	1	25	2	1	14	.....	2	3	8	6	25
Females	3	27	1	2	5	7	2	.....	2	.....	42

Mortuary Record, October 31, 1878, *to October* 31, 1879.

	Apoplexy.	Bright's disease.	Carcinoma uteri.	Cirrhosis of liver.	Debility.	Diarrhœa.	Dysentery, acute.	Epilepsy.	Epileptoid convulsions.	Facial erysipelas.	Hemiplegia.	Maniacal exhaustion.	General paralysis.	Phthisis pulmonalis.	Pneumonia.	Rupture of heart.	Senility.	Tumor of brain.	Valvular disease of heart.	Total number of deaths.
Males	3	1	..	1	1	..	1	3	1	1	3	3	1	12	1	1	3	1	1	34
Females	1	..	1	..	4	1	..	1	..	..	..	1	..	5	..	..	2	..	1	21

Age of Patients Admitted Current Year.

	20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.
[illegible]	3	31	22	12	10	6	2
[illegible]	7	25	16	19	17	6	1

ANNUAL REPORT OF THE WARDEN OF THE OHIO PENITENTIARY, (
FROM NOVEMBER 15, 1878, TO NOVEMBER 15, 1879.

	Males.	Females.	Total.	Nativity of conv			
				Ohio.		Other States.	
				Males.	Females.	Males.	Females.
Number of convicts in the Penitentiary Nov. 15, 1878..	1602	31	1633	254	11	268	.....
Number of convicts received during the year.....	610	11	621	....	....	.....	.....
Number discharged by pardon current year	123	2	125	....	....	.....	.....
Number discharged by expiration of sentence current year	709	6	715	....	....	.....	.....
Number escaped	4	....	4	....	....	.....	.....
Number transferred to Reform Farm, Insane Asylum, for new trial, etc	35	....	35	....	....	.....	.....
Number died current year	13	....	13	....	....	.....	.....
Number remaining in Penitentiary Nov. 15, 1879	1334	28	1362	....	....	.....	.....

Occupation of Convicts.

	Farmers.	Merchants.	Mechanics.	Ministers.	Lawyers.	Doctors.	Laborers.	Teachers.	Manufacturers.	Railroad operatives.
Males	116	5	126	2	2	2	105	1	2	30
Females	....	....	....	....	....	....	4	1	....	....

Crimes for which Sentenced.

	Arson.	Assault, etc.	Assault with intent to rape.	Abortion.	Burglary and larceny.	Burglary.	Bigamy.	Concealing stolen goods.	Cutting with intent to wound.	Felony.	Embezzlement.
Males	6	13	15	3	183	80	6	7	...	5	6
Females	....	....	....	....	....	6	....	....	2	...	...

Crimes—Continued.

	Incest.	Kidnapping.	Manslaughter.	Murder in 2d degree.	Maiming.	False pretenses.	Obstructing railroad.	Obtaining money by false pretenses.	Perjury.	Robbery.	Rape.	Receiving stolen goods.	Shooting with intent to kill.	Shooting with intent to wound.	Selling counterfeit coin.	Malicious stabbing.
Males	7	3	11	6	5	5	2	4	3	11	6	5	15	14	1	1
Females	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Mortuary Record, November 15, 1878, *to November* 15, 1879.

	Typhoid fever.	Consumption.	Suicide.	Fatty degeneration of heart.	Consumption of bowels.	Bright's disease of the kidneys.	Valvular disease of heart.	Pleuro-pneumonia.	Total No. of deaths.
Males	2	3	2	1	1	1	1	2	13
Females	.....	.....	.	.....	.....	.....	.....	.....	....

Age of Convicts Received Current Year.

	15 to 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.
Males	25	5	57	275	183	50	9	5	1
Females	.....	.....	.....	11	.....	.....	.....	.....	....

VITAL STATISTICS

AND

NOSOLOGY OF OHIO.

VITAL STATISTICS.

TABLE SHOWING THE NUMBER OF DEATHS OF "WHITE AND COLORED" YEAR ENDING MARCH 31, 1879, AS REPORTED BY PROBATE J

Counties.	White.		Colored.		un
	Males.	Females.	Males.	Females.	White.
Adams	106	112	.....	1	19
Allen	158	144	8	5	....
Ashland	104	88	.....	.....	....
Ashtabula	168	146	2	2	....
Athens	118	102	5	3	....
Auglaize	158	138	.....	.....	....
Belmont	185	177	17	4	....
Brown	148	139	12	21	19
Butler	159	177	4	4	20
Carroll	83	77	.....	.....	....
Champaign	130	102	8	6	17
Clark	145	118	9	7	....
Clermont	183	193	18	9	....
Clinton	98	103	6	4	....
Columbiana	230	205	4	.....	5
Coshocton	76	93	.....	2	16
Crawford	133	134	.....	.....	....
Cuyahoga	777	600	8	9	....
Darke	213	211	4	9	....
Defiance	107	101	.....	.....	....
Delaware	116	111	3	3	3
Erie	97	72	1	.....	15
Fairfield	137	129	3	2	14
Fayette	70	74	2	10	5
Franklin	291	223	17	8	....
Fulton	127	109	.....	.....	1
Gallia	139	100	14	24	....
Geauga	68	81	.....	.....	....
Greene	97	103	28	28	3
Guernsey	102	84	5	8	....
Hamilton	1,550	1,297	20	18	....
Hancock	122	156	.....	.....	....
Hardin	149	154	5	4	14
Harrison	96	83	3	3	....
Henry	81	77	.....	.....	....
Highland	143	118	7	11	....
Hocking	88	67	.....	2	11
Holmes	90	81	.....	.....	....
Huron	135	129	1	3	....
Jackson	134	120	6	5	....
Jefferson	136	107	2	2	....
Knox	123	111	.....	.....	9
Lake	67	61	1	.....	....
Lawrence	148	109	12	11	....
Licking	162	162	3	1	....

TABLE SHOWING THE NUMBER OF DEATHS OF "WHITE AND COLORED"—Continued.

Counties.	White.		Colored.		Sex unknown.		Total.
	Males.	Females.	Males.	Females.	White.	Colored.	
Logan	133	123	5	5	16	1	283
Lorain	147	158	15	19	.....	.....	339
Lucas	301	231	7	10	15	.....	564
Madison	83	61	3	8	.....	.....	155
Mahoning	128	105	3	5	.....	.....	241
Marion	94	108	2	.....	10	.....	214
Medina	98	92	.....	.....	2	.....	192
Meigs	108	128	9	5	.....	.....	250
Mercer	141	122	.....	.....	.....	.....	263
Miami	143	125	4	5	.....	.....	277
Monroe	137	99	.....	.....	.....	.....	236
Montgomery	707	404	13	18	.....	.....	1,142
Morgan	83	112	1	2	1	.....	199
Morrow	88	80	1	.....	.....	.....	169
Muskingum	238	258	4	4	24	.....	528
Noble	71	83	.....	.....	.....	.....	154
Ottawa	78	55	.....	.....	4	.....	137
Paulding	89	72	4	2	.....	.....	167
Perry	105	88	.....	.....	.....	.....	193
Pickaway	131	101	13	12	.....	.....	257
Pike	100	73	5	15	1	1	195
Portage	145	138	.....	.....	.....	.....	283
Preble	96	94	2	7	.....	.....	199
Putnam	121	108	.....	2	.....	.....	231
Richland	139	143	1	.....	1	.....	284
Ross	178	137	15	15	.....	.....	345
Sandusky	127	102	.....	.....	.....	.....	229
Scioto	122	108	5	3	.....	.....	238
Seneca	131	146	1	2	.....	5	285
Shelby	125	143	1	5	.....	.....	274
Stark	309	286	1	4	.....	.....	600
Summit	176	150	2	1	17	1	347
Trumbull	188	178	2	1	6	.....	375
Tuscarawas	142	118	1	.....	.....	.....	261
Union	131	121	3	2	.....	.....	257
Van Wert	128	119	2	4	.....	.....	253
Vinton	73	91	.....	.....	15	.....	179
Warren	137	122	14	7	7	1	288
Washington	214	215	7	7	.....	.....	443
Wayne	129	146	.....	.....	.....	.....	275
Williams	98	94	.....	.....	.....	.....	192
Wood	161	134	.....	.....	16	.....	311
Wyandot	100	101	3	.....	1	.....	205
Total	14,323	12,750	387	399	307	13	28,179

TABLE SHOWING THE CONDITION OF DECEASED PERSONS AT THE TIME OF DEATH, IN EACH COUNTY IN OHIO, FOR THE YEAR ENDING MARCH 31, 1879, AS REPORTED BY PROBATE JUDGES.

Counties.	Single.		Married.		Widowed.		Unknown.		Total.		Condition, age, and sex unknown.	Total number of deaths.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Adams	55	63	37	36	6	8	8	6	106	113	19	238
Allen	88	89	67	49	11	11	----	----	166	149	----	315
Ashland	49	32	39	37	15	19	1	----	104	88	----	192
Ashtabula	70	53	81	60	19	35	----	----	170	148	----	318
Athens	60	66	58	34	3	5	2	----	123	105	----	228
Auglaize	103	89	50	42	2	6	3	1	158	138	----	296
Belmont	106	92	72	61	18	25	6	3	202	181	----	383
Brown	59	84	52	57	8	5	41	14	160	160	19	339
Butler	102	114	35	43	17	16	9	8	163	181	20	364
Carroll	52	47	19	17	12	13	----	----	83	77	----	160
Champaign	79	64	47	31	12	11	----	2	138	108	20	266
Clarke	98	56	47	54	11	14	1	1	157	125	----	282
Clermont	102	103	81	49	18	50	----	----	201	202	----	403
Clinton	60	46	38	45	6	16	----	----	104	107	----	211
Columbiana	131	116	84	62	16	27	----	----	234	205	5	444
Coshocton	40	59	34	28	1	7	1	1	76	95	16	187
Crawford	81	74	43	43	8	17	1	----	133	134	----	267

Greene	81	76	37	40	7	15	----	----	196	131	4	260
Guernsey	45	47	49	26	8	10	5	9	107	92	----	199
Hamilton	784	647	376	226	69	132	342	310	1,570	1,315	----	2,885
Hancock	77	105	42	40	3	11	----	----	122	156	----	278
Hardin	103	88	41	52	8	15	2	3	154	158	14	326
Harrison	59	52	28	29	12	12	----	----	99	86	----	185
Henry	54	48	24	24	3	5	----	----	81	77	----	158
Highland	91	60	44	50	15	19	----	----	150	129	----	279
Hocking	58	41	20	22	10	6	----	----	88	69	11	168
Holmes	66	55	11	18	12	7	1	1	90	81	----	171
Huron	61	64	53	45	22	23	----	----	136	132	----	268
Jackson	103	78	33	31	4	16	----	----	140	125	----	265
Jefferson	66	47	59	44	13	18	----	----	138	109	----	247
Knox	57	46	54	39	11	16	1	10	123	111	9	243
Lake	32	26	25	23	10	12	1	----	68	61	----	129
Lawrence	113	78	42	33	5	9	----	----	160	120	----	280
Licking	81	88	65	39	17	36	2	----	165	163	----	328
Logan	75	56	47	52	16	20	----	----	138	128	17	283
Lorain	82	73	60	54	20	50	----	----	162	177	----	339
Lucas	193	131	95	79	7	18	13	13	308	241	15	564
Madison	52	45	31	20	3	3	----	1	86	69	----	155
Mahoning	81	60	42	41	6	9	2	----	131	110	----	241
Marion	58	59	29	30	9	19	----	----	96	108	10	214
Medina	33	30	52	39	13	23	----	----	98	92	2	192
Meigs	52	67	59	55	6	11	----	----	117	133	----	250
Mercer	85	76	48	34	8	12	----	----	141	122	----	263
Miami	76	55	44	41	27	34	----	----	147	130	----	277
Monroe	81	42	31	21	25	33	----	----	137	99	----	236
Montgomery	436	243	191	137	86	35	7	7	720	422	----	1,142
Morgan	32	48	47	44	5	21	----	1	84	114	1	199
Morrow	20	21	38	26	11	20	20	13	89	80	----	169
Muskingum	131	143	94	84	17	35	----	----	242	262	24	528
Noble	43	52	24	23	4	8	----	----	71	83	----	154
Ottawa	40	32	30	18	3	4	5	1	78	55	4	137
Paulding	62	51	25	17	3	4	3	2	93	74	----	167
Perry	58	44	40	26	7	18	----	----	105	88	----	193
Pickaway	95	61	37	36	9	12	3	4	144	113	----	257
Pike	63	52	28	20	6	12	8	4	105	88	2	195
Portage	57	52	73	52	15	34	----	----	145	138	----	283
Preble	44	48	42	39	12	14	----	----	98	101	----	199
Putnam	82	65	35	38	4	7	----	----	121	110	----	231
Richland	72	60	50	52	16	29	2	2	140	143	1	284

TABLE SHOWING CONDITION OF DECEASED PERSONS—Continued.

Counties.	Single.		Married.		Widowed.		Unknown.		Total.		Condition, age, and sex unknown	Total number of deaths.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Ross	113	75	63	56	17	21	.....	.....	193	152	.....	345
Sandusky	67	59	46	31	14	12	.....	.....	127	102	.....	229
Scioto	78	81	41	24	8	5	.....	1	127	111	.....	238
Seneca	70	76	50	52	12	20	.....	.....	132	148	5	285
Shelby	87	74	34	47	3	23	2	4	126	148	.....	274
Stark	208	193	72	58	21	31	9	8	310	290	.....	600
Summit	94	69	69	53	8	21	7	8	178	151	18	347
Trumbull	86	96	83	60	21	23	.....	.....	190	179	6	375
Tuscarawas	59	61	44	26	34	26	6	5	143	118	.....	261
Union	85	76	40	36	9	11	.....	.....	134	123	.....	257
Van Wert	79	80	44	35	6	8	1	.....	130	123	.....	253
Vinton	36	48	31	28	6	15	.....	.....	73	91	15	179
Warren	84	66	51	42	14	16	2	5	151	129	8	288
Washington	121	98	79	77	21	47	.....	.....	221	222	.....	443
Wayne	85	87	35	35	9	24	.....	.....	129	146	.....	275
Williams	65	50	29	28	4	16	.....	.....	98	94	.....	192
Wood	88	67	61	52	12	15	.....	.....	161	134	16	311
Wyandot	68	62	34	29	1	10	.....	.....	103	101	1	205
Totals	8,259	7,043	4,769	3,936	1,118	1,689	564	481	14,710	13,149	320	28,179

Counties.	Stillborn		Under 1.		1 to 2.		2 to 3.		3 to 4.		4 to 5.		5 to 10.		10 to 15.		15 to 20.		20 to 25.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adams	...	1	19	19	10	10	3	5	2	3	1	...	7	4	1	5	2	9	3	6
Allen	3	1	33	41	12	9	8	8	8	5	3	6	6	8	3	4	4	3	7	6
Ashland	...	...	14	12	3	4	4	4	2	...	5	1	4	4	4	1	3	2	3	5
Ashtabula	...	...	23	10	6	3	2	...	1	3	2	...	6	7	4	4	6	10	5	10
Athens	5	2	16	16	2	7	6	4	5	5	3	4	9	7	1	7	1	10	6	5
Auglaize	2	4	39	35	12	16	8	4	7	4	5	1	9	8	2	1	2	2	6	9
Belmont	4	1	42	32	7	8	7	6	4	4	5	1	10	5	4	6	8	10	7	8
Brown	5	1	9	21	10	7	4	2	6	6	...	5	5	6	3	10	1	6	3	9
Butler	...	...	31	33	16	13	3	9	3	4	6	5	9	7	5	4	9	4	6	10
Carroll	5	2	13	6	3	6	5	2	3	7	2	3	7	5	2	6	...	6	5	1
Champaign	2	...	28	24	11	3	1	1	3	1	1	4	8	7	1	3	6	8	6	6
Clarke	2	3	37	21	2	5	10	3	6	4	4	2	12	9	8	1	4	3	6	4
Clermont	11	3	38	26	6	10	6	6	4	2	7	3	4	11	6	11	3	11	10	6
Clinton	5	1	18	16	11	4	3	2	4	2	1	...	4	4	2	...	5	9	3	9
Columbiana	3	3	42	41	17	5	11	7	9	7	6	2	14	20	8	6	2	11	4	7
Coshocton	...	...	14	18	2	9	4	6	...	3	...	2	4	4	...	1	7	4	2	4
Crawford	3	...	22	19	13	7	4	7	2	4	6	5	12	16	3	3	7	5	5	11
Cuyahoga	3	...	182	118	57	33	37	22	36	26	29	21	89	81	26	30	19	15	18	22
Darke	15	14	60	34	13	13	6	9	13	5	8	2	14	21	2	3	6	11	6	16
Defiance	4	...	20	17	7	8	10	4	4	7	...	3	8	9	3	1	1	3	3	7
Delaware	...	...	21	29	6	7	3	8	3	4	1	1	7	3	3	2	5	3	6	4
Erie	...	...	13	15	1	3	2	1	3	3	2	...	2	7	4	2	2	4	7	5
Fairfield	1	...	12	14	7	10	5	3	3	6	5	...	6	5	...	6	4	10	3	8
Fayette	...	2	14	17	4	2	2	2	4	2	1	3	2	5	2	5	3	3	1	6
Franklin	2	...	64	44	19	12	14	6	9	5	7	7	18	14	8	12	10	8	13	14
Fulton	3	2	23	11	6	4	5	7	6	2	4	4	9	10	6	3	3	6	9	6
Gallia	4	2	20	17	9	11	9	2	1	...	3	4	4	3	7	2	10	5	10	7
Geauga	...	...	3	10	1	2	1	2	2	...	3	...	2	5	2	...	2	3	3	3
Greene	2	...	29	18	5	8	5	6	3	5	5	4	3	4	5	7	8	10	3	9

TABLE SHOWING THE NUMBER OF DEATHS AT EACH AGE, NUMBER OF DEATHS IN EACH COUNTY, ETC.—Continued.

County.	Stillborn		Under 1.		1 to 2.		2 to 3.		3 to 4.		4 to 5.		5 to 10.		10 to 15.		15 to 20.		20 to 25.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Guernsey	....	....	12	11	4	4	2	....	1	1	1	1	3	5	5	5	4	6	8	4
Hamilton	41	49	229	199	94	87	66	52	41	44	33	37	85	54	48	16	25	39	47	48
Hancock	2	2	33	33	4	9	1	7	1	8	1	5	1	4	4	3	5	12	6	12
Hardin	4	1	52	33	9	11	5	11	3	2	5	4	10	8	5	4	3	7	7	9
Harrison	1	1	10	7	13	10	6	5	4	5	5	3	8	6	3	4	3	3	2	3
Henry	....	1	26	7	10	6	....	10	2	3	3	1	5	8	3	4	2	2	2	5
Highland	4	2	26	18	14	3	8	2	2	2	4	1	7	6	2	4	5	4	14	17
Hocking	1	....	26	14	7	7	5	3	2	1	2	....	2	5	2	1	3	5	....	9
Holmes	1	1	7	8	13	10	3	2	2	2	2	2	3	1	6	8	10	9	5	2
Huron	1	....	24	16	2	4	3	7	3	6	2	1	1	6	2	3	6	3	8	6
Jackson	10	3	38	22	20	14	7	7	3	4	3	2	4	7	....	4	4	8	6	7
Jefferson	4	1	24	13	7	5	2	2	1	1	1	....	7	4	1	3	2	7	6	6
Knox	....	....	22	9	4	4	2	4	1	2	1	....	7	3	4	4	3	4	4	7
Lake	2	....	3	4	3	1	3	3	4	2	1	2	4	4	9	1	1	3	....	5
Lawrence	2	2	51	36	17	10	8	5	5	4	4	4	7	6	3	1	6	4	9	9
Licking	6	1	22	25	11	15	4	5	3	7	4	5	8	6	5	5	4	4	2	10
Logan	1	2	21	20	8	13	4	3	4	3	3	1	9	....	4	1	4	3	8	7
Lorain	4	3	28	25	12	8	7	7	1	1	3	2	1	4	7	7	4	3	6	10
Lucas	1	1	57	30	33	19	17	14	13	11	8	8	21	14	10	10	9	9	11	14
Madison	....	1	23	17	2	4	5	2	4	1	2	3	5	3	5	5	2	6	2	2
Mahoning																				

Muskingum	3	1	29	35	19	11	8	9	7	9	6	9	20	37	14	13	7	7	13	12
Noble	1	....	20	13	1	6	5	3	3	3	1	2	4	4	1	3	2	8	3	7
Ottawa	....	....	15	13	1	....	3	3	3	3	....	3	5	6	6	2	1	3	6	2
Paulding	5	4	19	17	5	4	5	3	4	4	6	3	3	5	5	6	4	3	5	5
Perry	....	1	25	16	4	5	6	3	....	2	....	1	8	1	3	....	1	10	5	4
Pickaway	2	....	37	14	6	6	10	2	1	3	2	3	5	7	4	3	6	10	5	12
Pike	....	1	30	15	10	4	1	3	2	5	1	1	6	2	3	3	3	7	3	4
Portage	2	....	12	10	4	3	5	....	4	2	2	2	8	9	4	6	4	11	3	4
Preble	2	....	13	22	6	4	3	2	2	3	1	1	2	4	5	3	3	6	4	8
Putnam	....	....	29	23	12	13	9	4	8	7	3	2	3	9	3	2	4	2	5	5
Richland	4	....	27	24	2	9	5	1	1	2	3	2	6	3	5	5	6	7	6	4
Ross	5	1	34	24	12	3	8	3	6	2	1	3	12	8	4	7	2	6	10	9
Sandusky	2	....	24	19	6	10	8	5	5	5	6	5	5	4	3	2	3	7	4	3
Scioto	5	6	26	28	12	15	2	4	2	2	2	1	5	5	3	1	8	5	6	10
Seneca	....	....	18	30	7	11	9	6	1	3	7	2	9	7	2	5	3	5	6	6
Shelby	4	8	45	22	5	9	7	8	1	4	4	5	8	3	3	2	3	6	2	9
Stark	7	5	80	74	21	18	18	16	13	12	11	5	24	25	13	13	9	14	13	12
Summit	....	....	19	23	12	12	9	....	9	6	4	5	10	7	5	7	7	2	6	8
Trumbull	....	....	36	37	8	5	1	4	3	8	1	1	7	8	3	5	8	5	9	11
Tuscarawas	....	5	30	38	4	4	2	1	....	2	2	4	11	5	5	1	4	1	5	10
Union	2	....	29	27	13	7	9	5	3	2	3	7	5	3	4	9	4	5	7	6
Van Wert	6	6	21	32	10	7	5	3	4	8	4	2	6	6	4	3	7	5	5	6
Vinton	....	....	9	17	6	4	2	3	2	1	2	1	....	6	....	1	6	6	3	7
Warren	4	2	11	7	12	7	3	6	2	4	3	2	12	8	2	1	5	8	5	9
Washington	6	4	33	36	15	7	8	2	3	5	3	1	9	14	5	10	10	10	17	15
Wayne	....	....	15	22	13	11	4	5	6	9	4	6	13	10	5	5	3	6	6	3
Williams	1	1	31	18	3	1	4	2	6	5	9	7	3	8	2	4	4	5	1	2
Wood	1	1	32	31	11	7	10	9	2	4	2	1	6	3	2	....	3	7	5	5
Wyandot	3	3	29	32	7	2	3	3	2	2	1	....	3	5	3	1	5	9	4	3
Totals	280	198	2693	2234	900	761	572	472	399	399	341	286	771	728	417	401	431	581	558	710

TABLE SHOWING THE NUMBER OF DEATHS AT EACH AGE, NUMBER OF DEATHS IN EACH COUNTY, ETC.—Continued.

Counties.	25 to 30.		30 to 35.		35 to 40.		40 to 45.		45 to 50.		50 to 55.		55 to 60.		60 to 65.		65 to 70.		70 to 75.	
	Males.	Females	Males.	Females.	Males.	Females	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adams	2	8	4	1	2	6	6	1	1	1	4	2	4	1	6	3	4	3	3	10
Allen	6	5	6	7	4	6	5	9	12	6	4	3	7	4	1	3	12	4	5	1
Ashland	2	3	6	2	2	1	5	1	5	7	4	6	4	2	1	9	2	2	10	8
Ashtabula	7	6	2	4	2	3	2	6	8	1	3	11	8	9	8	6	12	8	12	11
Athens	5	2	6	5	6	3	4	2	6	5	1	3	5	...	8	4	8	3	8	3
Auglaize	5	4	1	4	...	6	3	4	1	5	12	4	4	2	12	4	10	5	6	6
Belmont	10	10	4	7	12	9	7	7	10	9	4	6	5	3	3	13	9	8	13	10
Brown	16	15	11	2	2	11	1	3	4	11	8	6	5	5	22	3	4	13	16	6
Butler	6	7	5	5	5	11	2	12	4	4	7	11	8	4	8	6	7	6	8	6
Carroll	3	5	2	1	...	4	1	...	...	2	2	2	3	1	6	3	7	2	...	4
Champaign	5	11	3	2	2	2	6	3	4	5	6	...	5	3	7	5	8	5	5	2
Clarke	4	11	4	7	3	3	6	7	5	3	3	4	1	6	9	7	10	3	6	5
Clermont	5	12	6	12	5	8	5	4	4	8	4	3	17	6	7	12	10	8	13	6
Clinton	5	10	2	5	4	3	2	5	3	6	5	6	5	1	2	5	2	4	7	3
Columbiana	8	5	8	11	4	6	8	6	4	5	5	8	8	5	14	4	13	10	17	8
Coshocton	4	5	1	4	4	3	3	3	1	...	2	3	2	4	4	4	2	3	4	4
Crawford	...	5	...	5	7	5	1	1	3	2	5	3	4	3	6	4	3	6	7	6
Cuyahoga	29	28	22	20	20	23	22	13	30	10	26	19	22	17	19	19	28	29	20	18
Darke	4	4	4	10	5	7	6	8	5	7	4	13	8	4	8	8	5	9	9	6
Defiance	6	5	2	4	2	2	2	1	2	4	5	2	4	4	5	2	4	5	6	5
Delaware	2	5	6	5	3	4	3	6	3	1	6	...	5	3	7	10	10	5	2	4
Erie																				

Hamilton	46	42	54	36	65	40	80	27	68	46	68	33	52	34	54	39	54	39	28	38
Hancock	4	8	4	4	7	7		5	5	4	6	4	4	7	6	6	9	5	7	....
Hardin	6	14	2	8	6	5	1	9	4	7	5	1	3	5	4	2	3	5	5	2
Harrison	3	4	2	2	2	4	4	3	3	4	3	3	2	3	4	3	3	2	3	2
Henry	2	4		6	1	2	1	2	1		2	1	5	1	5	3	4	2	2	4
Highland	4	4	5	4	3	4	1	3	6	9	3	4	7	3	5	2	9	14	3	6
Hocking	7	3		1	1	3	2	1	...		2	1		1	2	4	8	1	4	3
Holmes	5	1	6	7	4	4	7	6	4	3	5	8	2	1		3	...	1	2	....
Huron	4	6	3	4	5	5	3	4	4	5	4	7		4	7	8	8	12	7	5	9
Jackson	5	8	4	8	2	2	2		4	5	4	1		5	1	3	...	4	6	2	3
Jefferson	5	2	1	5	4	5	5	5	5	1	6	2		3	6	7	7	10	5	10	8
Knox	5	6	6	8	...	7	1	3	2		4	2		1	3	5	7	8	6	12	7
Lake	1	3		2	...	3	2			2	2	2		2	3	3	1	6	6	4	3
Lawrence	4	4	3	7	2	4	4	5	2	4	6			5	4	3	2	9	2	3	2
Licking	9	7	4		...	6	7	4	9	3	7	3		7	3	13	7	6	1	1	12
Logan	2	12	1	6	3	7	4	2	1	4	5	4		7	6	8	6	12	13	1	9
Lorain	6	4	6	7	5	9	2	7	6	12	6	6		4	7	9	3	8	13	12	16
Lucas	12	21	6	12	7	9	7	4	14	8	15	4		8	8	12	3	9	10	9	9
Madison	4	8	1		2	...	3	3	3	1		1			...	2	3	6	1	4	2
Mahoning	5	3	1	9	4	...	2	6	1	3	2	1	3	9	4	9	3	5	7	16	3
Marion	4	6	1	2	6	6	2		4	3	4	2		4	3	4	3	2	3	4	6
Medina	4	3	1		2	3	7	4	...	7	2	2		2	5	11	2	8	13	9	6
Meigs	6	5	2	3	4	5	4	7	5	2	3	7		8	9	7	4	5	2	6	5
Mercer	6	7	6	2	5	4	4	1	4	2	7	7		7	5	4	2	6	4	7	6
Miami	9	7	5	4	5	8	4	8	6	3	4	5		8	7	8	4	8	8	3	6
Monroe	4	3		4	2	8	2	2	5	7	7	6		7	1	4	2	4	1	7	6
Montgomery	21	20	18	16	44	17	36	16	35	10	49	21	48	8	59	13	43	16	36	17
Morgan	1	9	5	5	2	4	1	2	...		3	2		5	5	8	4	4	6	7	5
Morrow	8	7	2		3	4	2	3	...	2	2			4	2	4	4	3	5	6	8
Muskingum	10	8	8	12	5	6	7	5	12	6	5	10		8	11	8	7	15	14	10	14
Noble	2	4		2	2	2	...	5	1		3	5		3	2	8	2	2	2		2
Ottawa	4	4	2		2	1	3	...	1	3	4	1		3	1	2	2	2	4	2	2
Paulding	...	2	2	3	4	4	6	5	2			3		3	1	2	...	2	...	4	1
Perry	2	4	4	4	4	1	4	2	5	5	2	2		7	3	2	2	3	5	9	5
Pickaway	3	5	5	4	10	7	4	5	3	2	5	2		6	2	5	6	5	11	7	2
Pike	5	6	3	3	2	4	2	3	3	3	2	4		5	4	4	...	9	1	3	3
Portage	4	7	4	5	6	8	2	7	6	4	6	3		7	7	5	6	7	11	13	10
Preble	3	5	3	2	3	5	2	2	4	4	4	4			4	2	4	12	2	5	3
Putnam	5	4	4	4	6	5	5	2	1	5	2	2	2	...		4	2	4	10	6	4
Richland	4	3	5	4	6	7	6		3	5	2	2	8	6		6	9	8	13	7	9
Ross	8	13	5	11	10	5	2	6	5	6	7	6	8	2	7	11	14	10	9	5
Sandusky	6	2	3	4	5	3	6	3	3	4	7	3	7	4	6	4	4	5	6	4

TABLE SHOWING THE NUMBER OF DEATHS AT EACH AGE, NUMBER OF DEATHS IN EACH COUNTY, ETC.—Continued.

Counties.	25 to 30.		30 to 35.		35 to 40.		40 to 45.		45 to 50.		50 to 55.		55 to 60.		60 to 65.		65 to 70.		70 to 75.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Scioto	4	3	7	6	2	3	2	4	5	5	5	1	8	1	2	1	6	7	4	1
Seneca	5	4	3	7	6	8	2	1	6	3	2	4	5	7	7	8	8	12	8	10
Shelby	1	10	4	3	3	6	2	7	6	9	....	2	2	4	11	4	2	10	2	6
Stark	2	9	2	10	10	5	3	4	6	4	6	7	6	5	8	9	15	9	18	12
Summit	3	9	5	9	4	4	7	2	7	4	7	4	8	6	7	6	16	6	14	9
Trumbull	6	4	....	6	9	5	4	8	6	4	11	7	11	5	10	7	8	9	10	11
Tuscarawas	5	4	5	2	3	3	6	3	6	6	7	4	8	....	4	3	12	2	8	4
Union	4	2	5	12	6	3	3	8	7	2	3	4	3	4	4	2	6	4	8	3
Van Wert	5	4	6	5	2	4	4	6	4	5	2	....	9	4	3	7	6	3	7	2
Vinton	6	9	....	3	1	5	2	4	3	2	4	2	1	....	6	3	6	....	6	6
Warren	7	8	6	5	8	8	4	5	5	3	7	7	4	1	7	10	15	3	5	11
Washington	5	3	6	8	9	8	5	8	5	6	7	11	10	9	4	10	9	12	10	11
Wayne	5	....	2	4	1	3	1	4	2	4	3	3	5	7	9	11	7	7	8	5
Williams	4	2	....	3	1	5	5	3	4	3	4	3	4	3	2	3	4	3	4	5
Wood	8	5	3	6	....	7	5	6	8	7	6	5	6	4	10	7	10	2	11	5
Wyandot	5	4	4	2	1	5	6	3	3	2	....	1	4	1	3	4	2	5	4	5
Totals	530	609	405	507	454	505	442	401	480	405	528	413	580	385	651	490	741	562	707	557

Counties.	75 to 80.		80 to 85.		85 to 90.		90 to 95.		95 to 100.		100 and over.		Unknown.		Total.		Age and sex unknown.	Total deaths, both sexes and unknown.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males	Females.	Males.	Females.		
Adams	14	3	2	4	4	5	2	3	.....	.....	.....	.....	.....	.....	106	113	19	238
Allen	6	5	7	4	2	1	1	.....	.....	.....	1	.....	.....	.....	166	149	.....	315
Ashland	8	7	9	5	4	1	.....	1	.....	.....	.....	.....	.....	.....	104	88	.....	192
Ashtabula	17	8	20	12	7	7	3	4	.....	1	4	4	.....	.....	170	148	.....	318
Athens	5	3	3	1	3	4	1	.....	.....	.....	.....	.....	.....	.....	123	105	.....	228
Auglaize	9	6	2	2	1	.....	.....	2	.....	.....	.....	.....	.....	.....	158	138	.....	296
Belmont	11	7	5	5	6	3	2	3	2	.....	1	.....	.....	.....	202	181	.....	383
Brown	7	3	11	5	4	4	1	.....	1	.....	1	.....	.....	.....	160	160	19	339
Butler	3	4	1	2	2	3	.....	1	.....	2	.....	.....	9	8	163	181	20	364
Carroll	4	3	2	3	4	2	2	1	1	.....	1	.....	.....	.....	83	77	.....	160
Champaign	9	5	7	8	1	.....	2	.....	1	.....	.....	.....	.....	.....	138	108	20	266
Clarke	4	9	6	3	4	2	1	.....	.....	.....	.....	.....	.....	.....	157	125	.....	282
Clermont	13	16	8	8	8	6	1	1	.....	2	.....	1	.....	.....	201	202	.....	403
Clinton	7	4	2	4	1	3	1	.....	.....	.....	.....	.....	.....	1	104	107	.....	211
Columbiana	10	16	13	4	2	5	3	3	1	.....	.....	.....	.....	.....	234	205	5	444
Coshocton	6	3	5	1	1	2	.....	1	.....	.....	.....	.....	5	4	76	95	16	187
Crawford	9	4	7	8	4	3	.....	2	.....	.....	.....	.....	.....	.....	133	134	.....	267
Cuyahoga	20	16	18	9	8	14	4	4	1	1	.....	1	.....	.....	785	609	.....	1,394
Darke	11	11	3	3	1	2	1	.....	.....	.....	.....	.....	.....	.....	217	220	.....	437
Defiance	7	4	2	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	107	101	.....	208
Delaware	6	2	2	5	3	3	1	.....	.....	.....	.....	.....	.....	.....	119	114	3	236
Erie	5	6	4	.....	4	1	.....	1	.....	1	.....	.....	.....	.....	98	72	15	185
Fairfield	12	6	4	4	3	3	4	4	.....	.....	1	.....	.....	.....	140	131	14	285
Fayette	2	2	3	1	.....	2	2	.....	.....	.....	1	.....	.....	.....	72	84	5	161
Franklin	10	6	4	6	6	3	.....	1	.....	.....	.....	1	3	.....	308	231	.....	539
Fulton	6	2	2	1	4	.....	.....	.....	.....	.....	.....	.....	4	1	127	109	1	237
Gallia	5	5	3	2	4	2	.....	1	.....	2	.....	.....	.....	.....	153	124	.....	277
Geauga	11	10	6	7	1	2	.....	1	1	1	.....	.....	.....	.....	68	81	.....	149
Greene	5	4	1	3	3	5	4	1	.....	.....	.....	1	.....	.....	125	131	4	260
Guernsey	6	8	5	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	107	92	.....	199
Hamilton	24	35	22	23	7	9	3	6	1	5	1	1	234	237	1,570	1,315	.....	2,885

DEATHS AT EACH AGE, NUMBER OF DEATHS IN EACH COUNTY, ETC.—Continued.

Counties.	75 to 80.		80 to 85.		85 to 90.		90 to 95.		95 to 100.		100 and over.		Unknown.		Total.		Age and sex unknown.	Total deaths of both sexes and unknown.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Hancock	5	4	5	2	1	4	1	..	.....	1	.....	.....	.....	.....	122	156	.....	278
Hardin	5	3	5	2	2	3	.....	2	.....	.....	.....	.....	.....	.....	154	158	14	326
Harrison	9	7	2	2	1	.....	2	.....	.....	.....	1	.....	.....	.....	99	86	.....	185
Henry	3	3	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	81	77	.....	158
Highland	8	6	6	5	2	3	1	1	.....	.....	1	.....	.....	.....	150	129	.....	279
Hocking	4	3	2	.....	3	1	2	1	.....	.....	.....	.....	.....	.....	88	69	11	168
Holmes	1	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	90	81	.....	171
Huron	8	4	5	11	4	3	4	...	.....	.....	1	.....	.....	.....	136	132	.....	268
Jackson	2	3	4	7	2	1	.....	.....	1	1	1	.....	.....	.....	140	125	.....	265
Jefferson	9	9	10	7	5	2	2	3	1	.....	.....	.....	.....	.....	138	109	.....	247
Knox	13	4	5	4	3	6	.....	1	.....	1.	.....	.....	.....	8	123	111	9	243
Lake	7	4	6	3	3	2	2	1	.....	1	.....	.....	.....	.....	68	61	.....	129
Lawrence	2	.....	3	3	.....	2	1	.....	.....	.....	1	.....	.....	.....	160	120	.....	280
Licking	14	11	5	9	1	1	1	1	1	1	1	.....	.....	.....	165	163	.....	328
Logan	8	2	3	2	5	2	.....	.....	1	.....	1	.....	.....	.....	138	128	17	283
Lorain	10	8	11	6	3	7	1	2	.....	.....	.....	.....	.....	.....	162	177	.....	339
Lucas	14	12	6	4	2	2	...	2	1	.....	.....	.....	6	3	308	241	15	564
Madison	5	3	2	2	2	.....	1	.....	.....	.....	.....	.....	.....	.....	86	69	.....	155
Mahoning	8	4	3	5	1	1	.....	.....	1	.....	.....	.....	.....	.....	131	110	.....	241
Marion	2	5	6	3	.....	4	1	1	.....	.....	.....	.....	.....	.....	96	108	10	214
Medina	10	3	8	8	6	6	.....	.....	.....	.....	1	.....	.....	.....	98	92	2	192
Meigs	5	7	10	2	2	2	.....	.....	....	.....	.....	.....	.....	.....	117	123	.....	250
Mercer	3	4	4	3	.....	1	1	.....	.....	.....	.....	.....	.....	.....	141	122	.....	263
Miami	4	4	3	3	1	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Paulding	5	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93	74	.....	167
Perry	1	5	4	4	4	3	1	.....	1	.....	.....	.....	.....	.....	106	88	.....	193
Pickaway	6	1	4	9	9	1	.....	9	1	1	.....	.....	.....	.....	144	113	.....	257
Pike	4	5	1	3	9	1	.....	4	1	1	.....	.....	.....	.....	105	88	2	195
Portage	20	10	7	9	6	3	2	1	.....	2	1	1	.....	.....	145	13-	.....	283
Preble	2	6	3	3	4	3	4	.....	1	.....	.....	.....	.....	.....	98	101	.....	199
Putnam	5	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	121	110	.....	231
Richland	7	6	7	9	5	2	.....	1	1	.....	.....	.....	.....	.....	140	143	1	284
Ross	13	3	7	4	1	3	3	1	.....	.....	.....	.....	.....	.....	193	152	.....	345
Sandusky	2	2	2	4	3	.....	.....	.....	1	.....	.....	.....	.....	.....	127	102	.....	229
Scioto	4	2	4	.....	2	.....	.....	.....	1	.....	.....	.....	.....	.....	127	111	.....	238
Seneca	8	3	8	3	1	3	1	.....	.....	.....	.....	.....	.....	.....	132	148	5	285
Shelby	7	2	1	5	2	.....	1	3	.....	1	.....	.....	.....	.....	126	148	.....	274
Stark	12	9	11	6	1	2	1	4	.....	1	.....	.....	.....	.....	310	290	.....	600
Summit	9	7	7	6	1	4	.....	1	.....	.....	.....	.....	2	4	178	151	18	347
Trumbull	10	16	15	6	9	5	4	1	1	.....	.....	1	.....	.....	190	179	6	375
Tuscarawas	6	5	3	4	2	5	3	2	2	.....	.....	.....	.....	.....	143	118	.....	261
Union	2	3	2	3	1	1	.....	.....	.....	.....	1	1	.....	.....	134	123	.....	257
Van Wert	5	4	3	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	136	123	.....	253
Vinton	4	7	1	3	1	.....	2	1	.....	.....	.....	.....	.....	.....	73	91	15	179
Warren	12	5	5	4	5	2	2	3	.....	.....	.....	.....	.....	.....	151	129	8	288
Washington	18	10	12	13	9	6	3	3	.....	.....	.....	.....	.....	.....	221	222	.....	443
Wayne	9	12	1	3	4	4	2	2	1	.....	.....	.....	.....	.....	129	146	.....	275
Williams	.....	4	2	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	98	94	.....	192
Wood	10	5	7	4	1	3	1	.....	1	.....	.....	.....	.....	.....	161	134	16	311
Wyandot	7	6	2	2	2	.....	.....	.....	.....	.....	.....	1	.....	.....	103	101	1	205
Totals	664	535	484	381	245	227	94	92	29	29	22	15	263	266	14,710	13,149	320	28,179

TABLE SHOWING THE NATIVITY OF DECEASED PERSONS, AS REPORTED BY THE PROBATE JUDGE OF EACH COUNTY IN OHIO, FOR THE YEAR ENDING MARCH 31, 1879.

Counties.	United States.		Austria.		British America and Canada.		Denmark.		England and Wales.		France.		Germany.		Holland and Belgium.		Ireland.		Italy.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adams	.....	.....	.....	.....	.....	.....	....	....	.....	.....	.....	.....	.....	.....	....	....	.....	.....	....	....
Allen	149	138	.....	.....	.....	.....	....	....	3	.....	.....	.....	5	4	.....	1	7	5	....	....
Ashland	98	83	.....	.....	.....	.....	....	....	.....	.....	.....	1	3	2	.....	....	2	.....	....	....
Ashtabula	144	136	.....	.....	2	1	....	....	7	2	.....	.....	.....	1	.....	....	7	.....	....	....
Athens	118	102	.....	.....	.....	.....	....	....	2	1	.....	.....	1	.....	.....	....	2	1	....	....
Auglaize	131	120	.....	.....	.....	.....	....	....	.....	....	.....	.....	24	17	.....	....	5	4	....	....
Belmont	179	158	.....	.....	1	.....	....	....	1	3	.....	.....	4	5	.....	....	5	8	....	....
Brown	152	152	.....	.....	.....	.....	....	....	2	.....	1	1	3	5	.....	....	2	2	....	....
Butler	142	154	.....	.....	.....	.....	....	....	1	.....	1	1	15	19	.....	....	3	7	....	....
Carroll	73	69	.....	.....	.....	.....	....	....	2	2	2	.....	1	2	.....	....	2	4	....	....
Champaign	120	105	.....	.....	1	.....	....	....	1	1	.....	.....	1	.....	.....	....	4	1	....	....
Clark	142	117	.....	.....	.....	.....	....	....	.....	.....	.....	.....	7	3	.....	....	5	4	....	....
Clermont	174	190	.....	.....	.....	.....	....	....	4	.....	2	.....	8	5	.....	....	13	7	....	....
Clinton	98	106	.....	.....	1	.....	....	....	.....	.....	.....	.....	2	.....	.....	....	.....	.....	3	1
Columbiana	210	197	.....	.....	.....	.....	....	....	7	4	.....	.....	6	.....	.....	....	7	2	....	....
Coshocton	64	84	.....	.....	.....	.....	1	....	1	....	.....	.....	5	3	.....	....	1	3	....	....
Crawford	108	119	2	3	.....	.....	....	....	1	1	.....	.....	18	8	.....	....	3	2	....	....
Cuyahoga	576	447	11	5	6	5	....	....	35	23	5	1	71	47	3	....	43	38	2	1
Darke	212	210																		

Fulton	117	101				1			1	1			4	3			3			
Gallia	140	119							9	4			2				2			
Geauga	62	81			3				2								1			
Greene	115	125			1					1			1	1			7	4		
Guernsey	96	80							2								6			
Hamilton	961	899	1		1	2			37	29	2	8	284	170	1		60	62	1	3
Hancock	113	152							1	1	1		5	2		1	1			
Hardin	133	135							4	1			3	3			2	4		
Harrison	94	84							1	1			1				2	1		
Henry	49	46			5	2			2	1	1		7	9			3	1		
Highland	142	122							2			2	3	3			3	1		
Hocking	84	67			1								2	2			1			
Holmes	38	35			3	1			5	4	2	6	20	14			9	7		
Huron	121	116							3	4	1		6	4			2	7		
Jackson	131	110							5	11			3				1	3		
Jefferson	122	98							3	2	1		1	1			9	4		
Knox	116	108							2	2				1			5			
Lake	62	54			1				1	3							2	2		
Lawrence	141	105							5	10			6	3			8	2		
Licking	144	153							9	4	1		4	3			5	2		
Logan	124	118								1			4	3			8	4		
Lorain	122	151				2			18	10			18	12			4	2		
Lucas	217	179	1		3	4			8	3	1	1	37	27	2	2	14	9		
Madison	81	67															5	2		
Mahoning	100	85			1				2	3			8	4			7	8		
Marion	77	97							3	2			13	8			3	1		
Medina	86	79			2	2			1	3			1	1			1	1		
Meigs	108	120			1				2	2			5	8			1	3		
Mercer	117	113									1	1	13	8			1			
Miami	140	122							1	2			5	5			1	1		
Monroe	111	84											5	7			2	2		
Montgomery	515	366		1	2				11		11		97	33	2	1	58	19		
Morgan	75	103							1	2			2	2			4	6		
Morrow	70	51											10	19			9	10		
Muskingum	215	241	1						3	4		1	13	5			10	10		
Noble	69	81	1										1	2						
Ottawa	55	39			1	1			2				17	14	1		1	1		
Paulding	88	72			2				1				1	2			1			
Perry	97	80							1	2			1				4	4		
Pickaway	138	112											5				1	1		
Pike	83	82											5	5						
Portage	129	124							6	2	1	1	1	5			1	1		1

NATIVITY OF DECEASED PERSONS—Continued.

Counties.	United States.		Austria.		British America and Canada.		Denmark.		England and Wales.		France.		Germany.		Holland and Belgium.		Ireland.		Italy.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Preble	94	100	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	.....	1	1	.....	.....
Putnam	101	95	.....	1	1	1	.....	.....	2	2	1	.....	12	4	.....	1	.....	1	.....	.....
Richland	127	123	.....	.....	.....	.....	.....	.....	2	3	.....	.....	5	9	.....	.....	.....	2	.....	.....
Ross	172	141	.....	.....	.....	.....	.....	.....	.....	1	1	.....	11	8	1	.....	6	1	.....	.....
Sandusky	101	85	.....	.....	.....	.....	.....	.....	2	2	.....	.....	13	6	.....	.....	7	4	.....	.....
Scioto	104	98	.....	.....	.....	.....	.....	.....	3	.....	3	1	15	10	.....	.....	.....	1	.....	.....
Seneca	113	129	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	14	18	.....	.....	3	1	.....	.....
Shelby	107	124	.....	.....	1	1	.....	.....	1	1	1	1	8	9	.....	.....	3	5	.....	.....
Stark	199	183	3	1	5	3	.....	.....	10	6	15	12	24	19	2	1	7	6	.....	.....
Summit	148	137	.....	.....	2	1	.....	1	9	1	.....	.....	10	4	.....	.....	7	6	.....	.....
Trumbull	146	149	.....	.....	.....	.....	.....	.....	13	8	.....	.....	6	4	.....	1	11	8	.....	.....
Tuscarawas	122	104	.....	.....	.....	.....	.....	.....	1	.....	.....	1	10	7	.....	.....	3	.....	.....	.....
Union	127	120	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	3	2	.....	.....	2	1	.....	.....
Van Wert	116	112	.....	.....	.....	.....	.....	.....	5	2	.....	.....	7	6	.....	.....	.....	3	.....	.....
Vinton	55	69	.....	.....	.....	.....	.....	.....	3	1	.....	.....	3	1	.....	.....	6	1	.....	.....
Warren	137	125	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	2	.....	.....	.....	6	2	.....	.....
Washington	189	196	.....	.....	.....	.....	.....	.....	4	2	1	.....	19	19	.....	1	7	3	.....	.....
Wayne	115	139	1	.....	1	1	.....	.....	.....	.....	.....	.....	8	2	.....	.....	2	3	.....	.....
Williams	94	88	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	3	.....	.....	.....	3	.....	.....
Wood	108	97	.....	.....	.....	.....	.....	.....	1	3	.....	.....	25	18	.....	.....	2	1	2	.....
Wyandot	95	98	.....	.....	.....	.....	.....	.....	1	.....	2	.....	3	2	.....	.....	2	1	.....	.....
Totals	11,954	11,219	21	12	50	28	1	1	298	196	66	44	1064	697	13	9	465	334	8	6

TABLE SHOWING THE NATIVITY OF DECEASED PERSONS—Continued.

Counties.	Russia.		Scotland.		Sweden and Norway.		Switzerland.		Other countries.		Unknown.		Total.		Sex unknown.	Total number of deaths.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Adams											106	113	106	113	19	238
Allen							2	1					166	149		315
Ashland			1	2									104	88		192
Ashtabula			1								9	8	170	148		318
Athens								1					123	105		228
Auglaize							1	1			2		158	138		296
Belmont			4								8	7	202	181		383
Brown													160	160	19	339
Butler			1										163	181	20	364
Carroll											3		83	77		160
Champaign											11	1	138	108	20	266
Clarke			3									1	157	125		282
Clermont													201	202		403
Clinton													104	107		211
Columbiana			4	2									234	205	5	444
Coshocton							1	1			3	4	76	95	16	187
Crawford			1					1					133	134		267
Cuyahoga			9	2		1	3	2			21	37	785	609		1394
Darke	1												217	220		437
Defiance							1	1			10	5	107	101		208
Delaware			1						3		2		119	114	3	236
Erie					1			1					98	72	15	185
Fairfield							2	1		1	8		140	131	14	285
Fayette													72	84	5	161
Franklin							3		1	2	8	3	308	231		539
Fulton							1	1			1	2	127	109	1	237

TABLE SHOWING THE NATIVITY OF DECEASED PERSONS—Continued.

Counties.	Russia.		Scotland.		Sweden and Norway.		Switzerland.		Other countries.		Unknown.		Total.		Sex unknown.	Total number of deaths.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Gallia	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	153	124	.....	277
Geauga	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	68	81	.....	149
Greene	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	125	131	4	260
Guernsey	.....	.....	.....	.....	.....	.....	.....	.....	1	12	2	.....	107	92	.....	199
Hamilton	.....	.....	10	6	.....	.....	2	3	.....	1	210	132	1570	1315	.....	2885
Hancock	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	122	156	.....	278
Hardin	.....	1	.....	.....	.....	.....	1	2	.....	.....	11	12	154	158	14	326
Harrison	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	99	86	.....	185
Henry	.....	.....	4	2	.....	.....	.....	.....	.....	3	10	13	81	77	.....	158
Highland	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	150	129	.....	279
Hocking	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88	69	11	168
Holmes	.....	.....	3	.....	.....	.....	4	2	2	5	4	7	90	81	.....	171
Huron	.....	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	136	132	.....	268
Jackson	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	140	125	.....	265
Jefferson	.....	.....	2	4	.....	.....	.....	.....	.....	.....	.....	.....	138	109	.....	247
Knox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	123	111	9	243
Lake	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	68	61	.....	129
Lawrence	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	160	120	.....	280
Licking	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	165	163	.....	328
Logan	.....	.....	2	2												

Meigs											9		117	133		250
Mercer													141	122		263
Miami													147	130		277
Monroe							9	6			10		137	99		236
Montgomery			7	1	3		4	1			10		720	422		1142
Morgan											2	1	84	114	1	199
Morrow													89	80		169
Muskingum				1									242	262	24	528
Noble													71	83		154
Ottawa			1										78	55	4	137
Paulding													93	74		167
Perry											2	2	105	88		193
Pickaway													144	114		257
Pike							2				15	1	105	88	2	195
Portage			1	1			2	2			2	1	145	138		283
Preble													98	101		199
Putnam		1		1							4	3	121	110		231
Richland			2	1							4	5	140	143	1	284
Ross							1				1	1	193	152		345
Sandusky							4	3				2	127	102		229
Scioto			1				1	1					127	111		238
Seneca													132	148	5	285
Shelby											5	7	126	148		274
Stark			2	3			9	6			34	50	310	290		600
Summit			2					1					178	151	18	347
Trumbull			3	2		4	6				5	3	190	179	6	375
Tuscarawas							6	6	1				143	118		261
Union							1						134	123		257
Van Wert											2		130	123		253
Vinton									1		5	19	73	91	15	179
Warren			1						1		1	2	151	129	8	288
Washington			1	1									221	222		443
Wayne			1				1	1					129	146		275
Williams			1				1						98	94		192
Wood			3	1							20	14	161	134	16	311
Wyandot													103	101	1	205
Totals	2	4	80	37	6	6	78	46	17	29	587	481	14,710	13,149	320	28,179

TABLE EXHIBITING THE OCCUPATION OF DECEASED PERSONS AT TIME OF DEATH IN EACH COUNTY IN OHIO, AS REPORTED BY THE PROBATE JUDGES, FOR THE YEAR ENDING MARCH 31, 1879.

Counties.	Artists.		Bakers and confectioners.		Bankers.		Blacksmiths.		Bricklayers and plasterers.		Book-binders.		Carpenters and cabinet-makers.		Clerks and book-keepers.		Clergymen.		Doctors.		Editors.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adams	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....	....	....	....
Allen	....	....	....	....	....	....	3	....	....	....	....	....	1	....	2	....	....	....	....	....	....	....
Ashland	....	....	....	....	....	....	1	....	....	....	....	....	4	....	....	....	....	....	....	....	....	....
Ashtabula	1	....	....	....	....	....	1	....	....	....	....	....	4	....	1	....	1	....	....	....	....	....
Athens	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	....	2	....	....	....
Auglaize	....	....	....	....	1	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....
Belmont	....	....	....	....	....	....	3	....	1	....	....	....	7	....	1	....	....	....	....	....	....	....
Brown	....	....	....	....	....	....	3	....	....	....	....	....	2	....	....	....	....	....	2	....	....	....
Butler	1	....	1	....	1	....	4	....	6	....	....	....	3	....	2	....	1	....	1	....	....	....
Carroll	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	1	....	....	....	....	....
Champaign	....	....	....	....	....	....	....	....	1	....	....	....	4	....	1	....	2	....	2	....	....	....
Clarke	....	....	....	....	....	....	2	....	1	....	....	....	4	....	....	....	....	....	....	....	....	....
Clermont	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	1	....	1	....	....	....
Clinton	....	....	....	....	1	....	....	....	1	....	....	....	2	....	1	....	....	....	....	....	....	....
Columbiana	....	....	....	....	1	....	1	....	....	....	....	....	3	....	1	....	3	....	2	....	....	....
Coshocton	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Crawford	....	....	....	....	....	....	1	....	1	....	....	....	2	....	1	....	....	....	....	....	....	....

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TABLE EXHIBITING THE OCCUPATION OF DECEASED PERSONS AT TIME OF DEATH IN EACH COUNTY IN OHIO—Continued.

Counties.	Artists.		Bakers and confectioners.		Bankers.		Blacksmiths.		Bricklayers and plasterers.		Book-binders.		Carpenters and cabinet-makers.		Clerks and book-keepers.		Clergymen.		Doctors.		Editors.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Portage	....	....	1	...	....	....	...	....	2	....	....	....	2	....	...	....	..	..	....	....	....	....
Preble	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	2	....	....	....	....	....
Putnam	....	....	...	....	....	....	...	....	....	....	....	....	2	....	...	....	....	....	....	....	....	....
Richland	...	....	3	....	....	....	2	....	1	....	....	....	3	....	4	....	1	....	1	....	....	....
Ross	...	....	....	....	....	....	3	....	....	....	....	....	6	....	....	....	1	..	..	....	....	....
Sandusky	....	....	1	....	....	....	1	....	2	....	....	....	3	....	....	....	....	....	1	....	....	....
Scioto	....	....	....	....	....	....	....	....	....	....	....	....	....	..	5	....	1	....	....	....	....	....
Seneca	....	....	....	....	....	....	...	....	1	....	....	....	3	....	....	....	....	....	2	....	....	....
Shelby	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Stark	....	....	....	....	....	....	6	....	3	....	....	....	8	....	4	....	2	....	1	....	....	....
Summit	....	....	....	....	1	....	1	....	4	..	..	....	8	....	1	....	1	....	....	....	....	....
Trumbull	....	....	....	....	....	....	....	....	4	....	....	....	5	....	1	....	....	....	2	....	....	....
Tuscarawas	..	....	1	....	....	....	1	....	1	....	....	....	6	....	1	....	....	....	1	....	....	....
Union	....	....	....	....	....	....	....	....	....	....	....	....	..	....	....	....	....	....	1	....	....	....
Van Wert	....	....	....	....	....	....	1	....	1	....	....	....	4	....	1	....	....	....	....	....	....	....
Vinton	....	....	...	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Warren																						

TABLE SHOWING THE OCCUPATION OF DECEASED PERSONS AT TIME OF DEATH—Continued.

Counties.	Farmers and stock raisers.		House-keepers.		House-servants		Lawyers.		Machinists.		Merchants.		Miners.		Painters and paper hangers.		Plumbers.		Printers.		Proprietors of manufactories.	
	Males	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adams	45			5		2																
Allen	58			51					1		1											
Ashland	48			40		4	1				1											
Ashtabula	75			97					2		1		1									
Athens	15			20		5							4									
Auglaize	48			21					6		1											
Belmont	59	3		16		28	1		1				4		1							1
Brown	74			52			1		1		2				2							
Butler	54			41		6	1				7				1							
Carroll	31			30																		
Champaign	21	10	1	10					1													
Clarke	37	4		37		1			1		1				1				1			
Clermont	65			37			4				5								1			
Clinton	47			53		12	1								1				1			
Columbiana	53					4			2		1		2		1							
Coshocton	33			46					1		2											
Crawford	38			13					6													
Cuyahoga	55	43	11	44	22	61	5		26		22	7	5		7		5		7	3	5	3
Darke	73						1				1											
Defiance	18			20		2																
Delaware	50	36		9		3	1		2		3										1	
Erie	30			19																		
Fairfield	56			65		3			3		2								1			
Fayette	25			5							1											
Franklin	48	7		83	1				5		6	2			4				2		2	
Fulton	41			62					3		1				1						2	

TABLE SHOWING THE OCCUPATION OF DECEASED PERSONS AT TIME OF DEATH—Continued.

Counties.	Farmers and stock raisers.		House-keepers.		House-servants.		Lawyers.		Machinists.		Merchants.		Miners.		Painters and paper hangers		Plumbers.		Printers.		Proprietors of manufactories.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Gallia	63	.....	....	22	....	11	1	....	.....	....	.....	....	3	....	1	....	....	....	....	....	1	....
Geauga	37	.....	....	29	....	.....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
Greene	33	5	....	32	1	1	2	....	.....	....	1	....	....	....	1	....	....	....	....	....	1	....
Guernsey	48	.....	....	51	....	.....	....	....	.....	....	.....	....	4	....	....	....	....	....	....	....	....	....
Hamilton	14	.....	....	10	....	.....	2	....	9	....	13	....	....	....	12	....	....	....	6	....	....	....
Hancock	56	.....	....	57	....	.....	....	....	.....	....	1	....	....	....	....	....	....	....	....	....	....	....
Hardin	46	.....	....	47	....	.....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....
Harrison	35	.....	....	37	....	2	....	....	.....	....	.....	....	2	....	1	....	....	....	....	....	....	....
Henry	16	2	....	22	....	2	....	....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	....
Highland	57	.....	....	1	....	.....	....	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....
Hocking	32	.....	....	31	....	2	....	....	.....	....	.....	....	2	....	....	....	....	....	....	....	....	....
Holmes	4	1	....	9	....	13	....	....	3	....	3	....	2	....	1	....	....	....	....	....	....	....
Huron	49	.....	....	21	....	2	....	....	3	....	4	....	....	....	....	....	....	....	....	....	....	....
Jackson	41	.....	....	42	....	.....	....	....	.....	....	2	....	2	....	....	....	....	....	....	....	....	....
Jefferson	43	5	....	7	....	1	1	....	.....	....	2	....	1	....	....	....	....	....	....	....	....	....
Knox	50	5	....	18	....	4	....	....	.....	....	1	....	....	....	2	....	....	....	....	....	....	....
Lake	27	.....	....	13	....	.....	....	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....
Lawrence	24	.....	....	26	....	6	....	....	.....	....	1	....	3	....	....	....	....	....	....	....	....	....
Licking																						

Meigs	31	13		40		9			3		2		7				1				1	
Mercer	55			47		10					1											
Miami	39			12		10			1		2				1						1	
Monroe	52			31		3	1		1						1				1		3	1
Montgomery	75			48	2	7	1		4		11		1		5				4		4	
Morgan	41			72		3																
Morrow	36			59	9																	
Muskingum	70			28		1			3		11		1		1						1	
Noble	29			46		1					1				1							
Ottawa	27			12											1							
Paulding	26			22			1				1										1	
Perry	31			48			1		1		3		8									
Pickaway	37			6			2				1								1			
Pike	44			15		1					2		1									
Portage	66			96					1		2										1	
Preble	45			50		3					2				1							
Putnam	45			46			1				1											
Richland	45			68		3					3											
Ross	65			55		3			2		1											
Sandusky	40	34	2	3		2									1							
Scioto	27	7		24									1									
Seneca	50			65		12					4								1		1	
Shelby	28					74																
Stark	80			79		13			5		6		11		3				2		1	
Summit	35	4		65			1				1		2						2			
Trumbull	80			32							2		11		1							
Tuscarawas	42			57		1	1		2		5		2				2				1	
Union	60			57		3																
Van Wert	53			55		1					3										1	
Vinton	22								5				5									
Warren	64			7			1				3				1							
Washington	67	2		1		1					7		2		1							
Wayne	44			64			2		1		2		2									
Williams	39			29																		
Wood	78			48					3		3				4							
Wyandot	33			40		10			2		4											
Totals	3924	218	16	3107	38	352	38		123		190	10	92		63		8		32	3	28	6

TABLE SHOWING THE OCCUPATION OF DECEASED PERSONS AT TIME OF DEATH—Continued.

Counties.	Public officers.		Shoemakers.		Tailors and seamstresses.		Teachers.		Tinners.		Laborers.		Other occupations.		No occupation, including children.		Totals.		Sex unknown.	Total number of deaths, both sexes and unknown.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Adams	....	....	1	.....	.....	.....	....	....	....	....	.....	.....	2	.....	65	106	106	113	19	238
Allen	....	....	1	.....	.....	.....	....	....	....	....	7	.....	17	4	75	94	166	149	.....	315
Ashland	....	....	3	.....	.....	.....	....	....	....	....	5	.....	1	.....	40	44	104	88	.....	192
Ashtabula	....	....	3	.....	.....	2	1	1	....	....	12	.....	15	2	52	46	170	148	.....	318
Athens	....	....	.....	.....	.....	.....	....	1	....	....	44	.....	6	.....	49	79	123	105	.....	228
Auglaize	....	....	2	.....	.....	.....	....	1	....	....	2	.....	.....	.....	95	116	158	138	.....	296
Belmont	....	....	1	.....	1	5	1	....	....	....	13	.....	36	69	72	59	202	181	.....	383
Brown	....	....	.....	.....	1	....	....	....	....	....	.....	.....	4	.....	68	108	160	160	19	339
Butler	....	....	4	.....	2	4	1	....	....	....	.....	.....	36	14	37	116	163	181	20	364
Carroll	....	....	1	.....	.....	.....	....	1	1	....	.....	....	5	.....	41	46	83	77	.....	160
Champaign	1	....	.....	.....	.....	.....	....	....	....	....	6	.....	.....	.....	98	88	138	108	20	266
Clarke	....	....	2	.....	.....	3	1	1	1	....	5	3	13	2	87	74	157	125	.....	282
Clermont	....	....	3	.....	1	.....	1	....	....	....	13	.....	13	2	90	163	201	202	.....	403
Clinton	....	....	1	.....	.....	1	1	....	1	....	2	6	1	1	43	34	104	107	.....	211
Columbiana	....	....	2	.....	1	4	3	....	....	....	6	.....	31	1	121	196	234	205	5	444
Coshocton	....	....	1	.....	.....	.....	....	....	....	....	5	.....	.....	.....	32	49	76	95	16	187
Crawford	....	....	.....	.....	3	.....	....	....	....	....	1	.....	.....	.....	80	121	133	134	.....	267

Fulton			1			2				10				52	45	127	109	1	337
Gallia			1		1	1	1			6				66	90	153	124		277
Geauga										4				14	52	66	61		149
Greene							1	2		9	2	6	5	62	84	125	131	4	260
Guernsey										2	4	31	24	20	13	107	98		199
Hamilton	6		22		18	10	2			57		121	10	1192	1286	1570	1315		2885
Hancock			2		1	4	3			3	3			46	92	122	156		278
Hardin					2	1				1		2		93	110	154	158	14	326
Harrison			2			2	1	1		5		5		39	43	99	86		185
Henry										3		2		57	51	81	77		158
Highland			1				2			7		9		67	128	150	129		279
Hocking										2		3		47	36	88	69	11	169
Holmes			2		3	7		2		10	12	11	9	35	26	90	81		171
Huron			1		1	1				1		7		55	108	136	132		268
Jackson						1				7		1		84	82	140	125		265
Jefferson			1				2	2		5		17		57	93	138	109		247
Knox			2				2			2		9	8	47	76	123	111	9	243
Lake			3					1		1		4		27	47	68	61		129
Lawrence										14		12		101	68	160	120		280
Licking			1		2	1		2		10		6		69	96	165	163		328
Logan	1					1	1	1		10		5	1	53	43	138	128	17	283
Lorain			1			1		2		18	13	10	20	61	76	162	177		339
Lucas			5		3	4			1	37		28	1	176	167	308	241	15	564
Madison										4		4		48	48	86	69		155
Mahoning			1		1	1		1		16		8	3	63	91	131	110		241
Marion	1									4		2		39	85	96	108	10	214
Medina	1		2				1			1		3		29	55	98	92	2	192
Meigs	1					2	1	2		10		2		47	68	117	133		250
Mercer			2			3	3	1		13		1		60	61	141	122		263
Miami			2							12	9	8	5	74	94	147	130		277
Monroe						2				2		7	4	62	58	137	99		236
Montgomery			13		7	2			3	79		80		360	365	720	422		1142
Morgan			3							6		5		25	39	84	114	1	199
Morrow	1						4					1		29	21	89	80		169
Muskingum	1					3				12		26		107	230	242	262	24	528
Noble												4		35	36	71	83		154
Ottawa										4		6		36	43	78	55	4	137
Paulding										3				61	52	93	74		167
Perry	1		2			2		1		6				45	37	105	88		193
Pickaway			1		1					6	1	4		87	106	144	113		257
Pike					1							3		52	72	105	88	2	195
Portage			4		1		1	2		5		13	2	46	38	145	138		283

TABLE SHOWING THE OCCUPATION OF DECEASED PERSONS AT TIME OF DEATH—Continued.

Counties.	Public officers.		Shoemakers.		Tailors and seamstresses.		Teachers.		Tinners.		Laborers.		Other occupations.		No occupation, including children.		Totals.		Sex unknown.	Total number of deaths, both sexes and unknown.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Preble	1	...	2	...	...	...	...	1	2	...	3	...	3	...	34	47	98	101	...	199
Putnam	...	...	...	...	...	...	...	...	...	...	3	...	2	...	67	64	121	110	...	231
Richland	...	...	5	...	...	...	...	...	...	...	10	...	11	5	51	67	140	143	1	284
Ross	...	...	2	...	1	3	1	1	1	...	10	...	12	...	88	90	193	152	...	345
Sandusky	...	...	...	...	...	1	...	...	...	...	10	...	...	...	66	62	127	102	...	229
Scioto	...	...	2	...	...	...	...	...	...	...	8	...	6	...	77	80	127	111	...	238
Seneca	...	...	1	...	...	...	1	...	1	...	9	...	6	...	52	71	132	148	5	285
Shelby	...	...	...	...	...	1	...	2	...	...	9	...	3	...	85	71	126	148	...	274
Stark	...	...	5	...	1	5	3	4	...	...	27	...	16	...	126	189	310	290	...	600
Summit	1	...	1	...	...	...	...	1	1	...	27	...	8	...	83	81	178	151	18	347
Trumbull	1	...	3	...	1	3	2	...	...	...	10	...	7	...	60	144	190	179	6	375
Tuscarawas	...	...	2	...	3	...	1	...	1	...	8	...	2	1	60	59	143	118	...	261
Union	...	...	...	...	...	2	...	3	...	...	5	...	2	...	66	58	134	123	...	257
Van Wert	1	...	1	...	...	...	...	3	...	...	3	...	6	...	55	64	130	123	...	253
Vinton	...	...	1	...	...	...	1	1	...	...	...	...	7	...	29	90	73	91	15	179
Warren	...	...	2	...	...	3	2	2	...	...	25	1	8	1	34	115	151	129	8	288
Washington	...	...	3	...	...	1	...	...	...	...	17	...	15	...	97	216	221	222	...	443
Wayne	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...

TABLE EXHIBITING THE NUMBER OF DEATHS IN EACH MONTH, IN EACH COUNTY IN OHIO, AS REPORTED BY PROBATE JUDGES FOR THE YEAR ENDING MARCH 31, 1879,

Counties.	April.		May.		June.		July.		August.		September.		October.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Adams	7	5	10	9	3	10	13	12	12	12	4	4	11	10
Allen	5	9	14	12	8	9	12	12	20	16	23	12	12	9
Ashland	10	9	4	4	4	5	7	5	14	7	13	4	12	9
Ashtabula	11	13	13	9	7	2	13	6	9	15	14	9	15	10
Athens	6	8	5	7	9	4	13	15	7	14	17	6	9	7
Auglaize	8	6	8	6	7	7	11	7	15	14	19	17	11	13
Belmont	11	16	11	4	11	17	20	6	15	15	14	17	17	11
Brown	9	9	9	6	10	8	10	5	9	18	16	20	18	14
Butler	13	11	10	14	8	5	10	18	15	10	15	20	10	14
Carroll	5	3	2	3	4	4	5	10	10	3	6	5	1	4
Champaign	10	16	9	6	3	3	9	4	6	10	15	12	13	7
Clarke	10	8	9	10	8	9	9	9	13	8	17	14	19	15
Clermont	13	11	8	14	8	9	19	11	14	16	18	30	17	20
Clinton	9	10	6	6	7	9	8	3	8	8	10	14	13	8
Columbiana	21	23	10	12	3	9	25	13	23	11	21	12	20	20
Coshocton	4	5	4	5	6	5	8	5	3	6	5	7	7	5
Crawford	8	6	10	10	10	7	11	6	12	12	20	20	7	6
Cuyahoga	56	32	51	38	51	32	66	48	57	56	90	57	64	55
Darke	10	9	13	8	14	7	16	17	17	15	14	32	24	23
Defiance	7	3	5	5	3	3	3	2	4	8	14	11	12	14
Delaware	8	9	7	4	7	7	8	6	9	10	11	12	8	7
Erie	8	3	6	1	7	5	8	5	6	9	2	5	5	3
Fairfield	5	11	10	3	6	6	9	9	6	12	15	16	10	13
Fayette	4	5	4	7	4	1	4	4	4	5	7	4	6	10
Franklin	23	15	21	17	18	11	30	14	14	24	24	26	34	25
Fulton	5	7	4	4	7	8	8	9	12	5	13	8	13	10
Gallia	10	6	5	7	8	5	8	6	10	9	24	17	18	10
Geauga	10	7	3	7	3	4	4	6	4	5	4	6	3	5
Greene	8	12	10	6	7	7	7	10	11	12	21	9	9	10
Guernsey	8	9	9	7	7	8	7	7	12	8	10	6	9	4

NUMBER OF DEATHS IN EACH MONTH IN OHIO—Continued.

Counties.	April.		May.		June.		July.		August.		September.		October.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Hamilton	148	98	103	84	119	81	168	117	129	97	108	104	107	123
Hancock	6	9	6	8	7	8	5	13	10	9	11	23	19	9
Hardin	6	12	8	8	7	6	14	8	16	15	12	14	15	18
Harrison	7	5	7	7	10	7	5	5	9	8	10	7	9	8
Henry	7	4	2	2	3	3	1	6	6	5	8	6	7	11
Highland	7	7	15	2	11	6	20	7	11	8	11	17	4	14
Hocking	2	6	1	6	6	6	9	.....	9	9	12	5	4	2
Holmes	5	3	8	6	7	7	10	13	14	12	5	6	6	6
Huron	8	8	8	9	9	4	7	3	11	10	8	14	16	14
Jackson	9	8	13	5	12	8	13	9	8	10	7	8	19	13
Jefferson	8	5	8	10	11	5	9	7	10	12	12	5	11	8
Knox	5	8	7	6	11	7	8	9	10	10	11	10	8	10
Lake	6	5	4	4	2	4	2	6	3	4	3	7	5	5
Lawrence	12	8	14	14	12	9	9	10	17	14	14	10	13	14
Licking	17	10	14	6	8	7	14	11	19	10	6	14	16	14
Logan	11	11	7	5	6	8	7	5	10	12	16	10	7	7
Lorain	10	8	10	13	4	17	11	7	15	12	15	10	12	18
Lucas	14	21	13	14	20	6	25	16	36	23	31	22	27	16
Madison	3	7	6	5	3	1	7	2	7	2	10	8	6	7
Mahoning	5	4	8	3	9	4	14	8	7	9	12	9	11	11
Marion	5	10	8	3	6	9	5	3	8	9	18	12	11	13
Medina	5	5	5	2	4	7	3	5	8	3	13	3	13	7
Meigs	4	6	10	5	8	9	9	12	11	10	7	10	8	10
Mercer	3	4	6	5	3	5	12	10	13	11	12	15	14	10
Miami	12	9	4	5	7	10	9	9	12	9	13	9	8	9
Monroe	7	4	11	7	6	6	12	8	9	5	7	10	11	7
Montgomery	48	32	47	30	46	28	55	36	64	35	52	40	57	32
Morgan	4	6	5	13	7	5	8	10	6	4	5	13	8	10
Morrow	6	4	4	1	6	4	5	7	7	3	13	8	9	8
Muskingum	19	21	20	19	18	22	22	24	26	31	19	17	21	27
Noble	1	9	2	2	4	2	3	5	9	8	5	7	13	10

Ottawa	5	3	4	3	3	3	8	5	11	5	9	8	10	5
Paulding	2	6	9	5	3	1	5	3	7	4	12	6	7	7
Perry	5	5	9	6	5	6	7	5	10	9	8	8	7	3
Pickaway	9	7	7	6	7	10	17	9	16	6	19	6	8	12
Pike	8	6	6	6	6	6	8	10	8	9	10	12	10	8
Portage	8	6	8	5	8	4	7	8	19	17	8	4	8	6
Preble	8	7	8	9	7	8	10	9	13	10	9	10	8	9
Putnam	10	7	4	8	4	3	7	9	8	11	12	14	13	13
Richland	10	12	8	8	2	6	10	8	15	16	15	9	13	14
Ross	9	18	12	4	12	8	10	8	21	14	17	17	12	10
Sandusky	7	5	6	4	5	6	7	5	8	4	12	13	9	10
Scioto	5	10	5	7	6	8	9	15	6	8	13	6	14	5
Seneca	9	9	6	11	11	12	11	8	16	18	13	13	13	15
Shelby	12	10	5	4	12	9	14	18	9	17	13	14	8	13
Stark	24	23	25	22	28	26	27	25	21	22	28	25	27	26
Summit	12	15	7	9	12	10	11	8	20	14	14	7	12	10
Trumbull	14	11	10	9	12	14	20	13	19	14	15	10	12	12
Tuscarawas	11	10	10	9	8	5	12	5	11	10	9	12	8	11
Union	8	5	4	4	9	7	5	7	13	12	16	12	14	15
Van Wert	5	5	5	8	9	6	1	10	12	5	7	15	12	9
Vinton	6	10	7	7	4	6	10	10	2	7	4	5	7	5
Warren	14	6	8	7	11	6	15	10	9	13	13	13	10	14
Washington	22	20	18	16	13	19	15	25	25	11	19	15	20	14
Wayne	8	11	6	8	5	7	6	8	13	12	14	18	14	14
Williams	7	8	5	3	2	....	9	8	8	6	12	12	6	12
Wood	6	3	6	1	10	16	4	10	17	10	25	31	21	10
Wyandot	8	10	4	8	4	3	8	7	7	6	9	8	11	9
Totals	984	901	886	757	868	752	1158	949	1246	1076	1348	1208	1236	1133

NUMBER OF DEATHS IN EACH MONTH IN EACH COUNTY IN OHIO—Con'inued.

Counties.	November.		December.		January.		February.		March.		Unknown.	Total number of deaths.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Adams	12	9	4	7	5	12	11	9	14	14	19	218
Allen	6	14	15	12	19	15	19	17	13	12	.....	315
Ashland	4	7	6	8	14	10	6	13	10	7	.....	192
Ashtabula	6	14	16	10	17	20	21	17	28	23	.....	318
Athens	8	10	9	5	12	13	15	9	13	7	.....	228
Auglaize	13	12	13	10	22	15	16	20	15	11	.....	296
Belmont	20	12	21	17	13	25	21	21	28	20	.....	383
Brown	11	12	15	19	16	16	18	20	19	13	19	339
Butler	12	16	15	15	20	21	15	14	20	23	20	364
Carroll	4	6	6	16	11	8	11	6	18	9	.....	160
Champaign	15	10	8	9	12	9	18	8	20	14	20	266
Clarke	15	8	9	7	15	9	15	9	18	19	.....	232
Clermont	19	12	13	10	23	19	19	25	30	25	.....	403
Clinton	9	4	12	10	6	9	8	10	8	16	.....	211
Columbiana	18	17	18	17	19	20	24	26	32	25	5	444
Coshocton	7	7	10	14	4	13	7	13	11	10	16	187
Crawford	11	9	11	12	15	14	8	11	10	21	.....	267
Cuyahoga	60	60	65	55	67	52	71	57	87	67	....	1394
Darke	12	18	18	17	22	24	29	28	28	22	.....	437
Defiance	10	9	7	10	16	14	12	10	14	12	.....	208
Delaware	9	10	9	12	15	14	13	9	15	14	3	236
Erie	12	11	7	6	7	9	16	7	14	8	15	185
Fairfield	16	11	9	10	18	11	15	15	21	14	14	285
Fayette	4	11	9	12	10	6	4	5	12	14	5	161
Franklin	[illegible]											

Hancock	7	18	14	11	11	15	12	15	14	24	.....	278
Hardin	15	16	16	15	14	17	18	13	13	16	14	328
Harrison	8	7	7	8	10	8	11	9	6	7	.....	185
Henry	7	12	4	5	8	7	9	4	19	12	.....	158
Highland	7	6	17	14	10	12	16	18	21	18	.....	279
Hocking	10	2	8	3	10	8	5	10	12	12	11	168
Holmes	15	4	5	5	4	6	5	5	6	8	.....	171
Huron	8	6	15	12	17	15	14	17	15	20	.....	268
Jackson	12	15	13	18	13	9	5	9	16	13	.....	265
Jefferson	9	14	17	7	11	9	16	15	16	12	.....	247
Knox	7	8	11	7	10	15	19	7	16	14	9	243
Lake	8	4	12	8	6	3	8	5	9	6	.....	120
Lawrence	14	6	14	10	14	10	13	7	14	8	.....	280
Licking	13	11	11	19	18	21	14	24	15	16	.....	328
Logan	10	6	16	15	13	16	15	12	20	21	17	283
Lorain	14	16	13	20	28	15	10	21	20	20	.....	339
Lucas	19	12	17	18	41	30	35	28	30	35	15	564
Madison	13	10	5	10	7	7	7	7	12	3	.....	155
Mahoning	20	7	9	9	18	19	9	12	9	15	.....	241
Marion	10	8	2	10	6	10	5	12	12	9	10	214
Medina	8	8	7	9	9	12	14	13	9	18	2	192
Meigs	9	10	12	14	12	13	11	17	16	17	.....	250
Mercer	13	9	14	12	15	13	16	11	20	17	.....	263
Miami	10	10	11	14	16	13	20	16	25	17	.....	277
Monroe	15	10	13	9	10	9	18	7	18	17	.....	236
Montgomery	68	40	64	30	87	50	64	29	68	40	.....	1142
Morgan	6	10	7	12	8	8	14	14	6	9	1	199
Morrow	1	6	7	4	10	9	8	16	13	10	.....	169
Muskingum	20	20	19	15	20	17	19	27	19	22	24	528
Noble	10	11	8	9	5	7	4	7	7	6	.....	154
Ottawa	2	5	8	8	7	5	6	4	5	1	4	137
Paulding	7	5	8	10	6	8	16	14	11	5	.....	167
Perry	11	6	5	9	8	7	14	14	16	10	.....	193
Pickaway	9	7	10	12	19	12	10	17	13	9	.....	257
Pike	14	5	7	4	10	6	11	12	7	4	2	195
Portage	11	8	15	20	20	17	18	26	15	17	.....	283
Preble	7	6	8	9	7	8	6	7	7	9	.....	199
Putnam	15	10	10	8	14	8	9	13	15	6	.....	231
Richland	10	8	21	17	20	20	6	8	10	23	1	234
Ross	14	9	18	8	25	22	18	14	25	20	.....	345
Sandusky	12	8	10	7	16	12	22	14	13	14	.....	229
Scioto	13	13	10	7	13	11	16	11	17	10	.....	238

NUMBER OF DEATHS IN EACH MONTH IN OHIO—Continued.

Counties.	November.		December.		January.		February.		March.		Unknown.	Total number of deaths.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.		
Seneca	10	12	12	11	13	12	8	10	10	17	5	285
Shelby	9	13	9	15	17	13	10	10	8	12	.....	274
Stark	28	25	27	24	28	23	24	23	30	26	.....	600
Summit	13	9	11	10	20	23	23	17	23	20	18	347
Trumbull	9	12	15	15	23	20	20	20	21	29	6	375
Tuscarawas	15	10	11	6	17	12	9	8	22	20	.....	261
Union	12	9	14	11	14	13	8	13	17	16	.....	267
Van Wert	12	10	17	5	15	19	20	19	15	12	.....	253
Vinton	4	7	5	6	7	9	6	8	11	11	15	179
Warren	15	7	9	10	14	14	16	15	17	14	8	258
Washington	12	20	19	20	14	24	19	19	22	19	.....	443
Wayne	8	10	13	9	20	15	13	20	9	14	.....	275
Williams	4	8	8	9	10	8	16	10	11	10	.....	192
Wood	13	5	19	10	14	14	9	13	17	11	16	311
Wyandot	4	2	5	13	18	10	17	15	8	10	1	205
Totals	1160	1019	1218	1141	1435	1287	1288	1235	1671	1683	320	28,179

VITAL STATISTICS—NOSOLOGY.

NOSOLOGICAL ARRANGEMENT EXHIBITING THE NUMBER OF DEATHS AND THE CAUSES OF DEATH, IN EACH COUNTY, FOR THE YEAR ENDING MARCH 31, 1879.

NOMENCLATURE AND CLASSIFICATION OF DISEASES.

CLASSES.

I. ZYMOTIC DISEASES.
II CONSTITUTIONAL DISEASES.
III. LOCAL DISEASES.
IV. DEVELOPMENTAL DISEASES.
V. VIOLENT DEATHS.

ORDERS.

I.—1. Miasmatic Diseases.
2. Enthetic Diseases.
3. Dietic Diseases.
4. Parasitic Diseases.

II.—1. Diathetic Diseases.
2. Tubercular Diseases.

III.—1. Diseases of Nervous System.
2. Diseases of Organs of Circulation.
3. Diseases of Respiratory Organs.
4. Diseases of Digestive Organs.
5. Diseases of Urinary Organs.
6. Diseases of Generative Organs.
7. Diseases of Organs of Locomotion.
8. Diseases of Integumentary System.

IV.—1. Developmental Diseases of Children.
2. Developmental Diseases of Adults.
3. Developmental Diseases of Old People.
4. Diseases of Nutrition.

V.—1. Accident or Negligence.
2. Battle.
3. Homicide.
4. Suicide.
5. Execution.
6. Violent Deaths not included above.

DISEASES.

I.—1. *Miasmatic, Infectious, Contagious, and Epidemic.*

1. Small-pox.
2. Measles.
3. Scarlatina.
4. Diphtheria.
5. Quinsy.
6. Croup.
7. Whooping Cough.
8. Typhoid Fever.
9. Erysipelas (and Phlebitis).
10. Metria (Puerperal Fever).
11. Carbuncle.
12. Influenza.
13. Dysentery.
14. Diarrhœa.
15. Cholera Infantum.
16. Cholera.
17. Ague.
18. Remittent Fever.
19. Rheumatism.
20. Cerebro Spinal Meningitis (Spotted Fever).

NOMENCLATURE AND CLASSIFICATION OF DISEASES—Contin

I.—2. *Enthetic.*

1. Syphilis.
2. Stricture of Urethra.
3. Hydrophobia.
4. Glanders (and Malignant Pustule).

I.—3. *Dietic.*

1. Privation (Starvation).
2. Purpura and Scurvy.
3. Delerium Tremens, } Alcoholism.
4. Intemperance, }

I.—4. *Parasitic.*

1. Thrush.
2. Worms.

II.—1. *Diathetic.*

1. Gout.
2. Dropsy and Anæmia.
3. Cancer.
4. Noma (Canker).
5. Mortification.

II.—2. *Tubercular.*

1. Scrofula.
2. Tabes Mesenterica (Consumption of Bowels).
3. Phthisis (Consumption of Lungs).
4. Hydrocephalus (Dropsy of the Brain).

III.—1. *Nervous System.*

1. Cephalitis (Inflammation of the Brain).
2. Apoplexy.
3. Paralysis.
4. Insanity.
5. Chorea (St. Vitus Dance).
6. Epilepsy.
7. Tetanus.
8. Convulsions.
9. Brain Diseases.

III.—2. *Organs of Circulatic*

1. Pericarditis.
2. Aneurism.
3. Heart Diseases, etc

III.—3. *Respiratory Organs.*

1. Epistaxis (Nose Ble
2. Laryngitis.
3. Bronchitis.
4. Pleurisy.
5. Pneumonia.
6. Asthma.
7. Lung Diseases, etc.

III.—4. *Digestive Organs.*

1. Gastritis (Inflamm Stomach).
2. Inflammation of th
3. Ascites (Dropsy c Cavity).
4. Ulceration of Intes
5. Hernia.
6. Internal Strangulat
7. Fistula.
8. Stomach Diseases, e
9. Pancreatic Diseases,
10. Hepatitis.
11. Jaundice.
12. Liver Disease, etc.
13. Spleen Disease, etc.

III.—5. *Urinary Organs.*

1. Nephritis (Inflamm Kidneys).
2. Ischuria (Difficult U
3. Bright's Disease.
4. Diabetes.
5. Calculus (Stone, Gra
6. Inflammation of the
7. Kidney Diseases, etc

III.—6. *Generative Organs.*

1. Ovarian Dropsy.
2. Diseases of the Wom

NOMENCLATURE AND CLASSIFICATION OF DISEASES—Continued.

III.—7. *Organs of Locomotion.*

1. Inflammation of the Joints.
2. Joint Diseases, etc.

III.—8. *Integumentary System.*

1. Phlegmon (Carbuncle, etc.).
2. Ulcer.
3. Skin Diseases, etc.

IV.—1. *Developmental Diseases of Children.*

1. Stillborn.
2. Infantile, Premature, etc.
3. Cyanosis.
4. Spina Bifidia.
5. Other Malformations.
6. Teething.

IV.—2. *Developmental Diseases of Adults.*

1. Paramenia (Menstrual Diseases).
2. Child-Birth.

IV.—3. *Developmental Diseases of Old People.*

1. Old Age.

IV.—4. *Developmental Diseases of Nutrition.*

1. Atrophy and Debility.

V.—1. *Accident or Negligence.*

1. Fractures and Contusions.
2. Burns and Scalds.
3. Poison.
4. Drowning (and Lost at Sea).
5. Suffocation (and Strangulation).
6. Otherwise.

V.—2. Battle.
V.—3. Homicide.
V.—4. Suicide.
V.—5. Execution.
V.—6. Violent deaths not included above.
V.—7. Sudden deaths and cause unknown and deaths, not reported elsewhere.

NOSOLOGICAL ARRANGEMENT, SHOWING THE NUMBER

Counties.	Class 1.—Zymotic diseases.						
	Order 1.—Miasmatic, infectious, contagious,						
	1. Small-pox.		2. Measles.		3. Scarlatina.		
	M.	F.	M.	F.	M.	F.	M.
Adams	.....	.....	1	.....	1	.....	2
Allen	.....	.....	.....	.....	8	9	5
Ashland	.....	.....	.....	....	4	.....	2
Ashtabula	.....	.....	.....	.....	.....	1	8
Athens	.....	.....	.....	.....	.....	.....	17
Auglaize	.....	.....	.....	.....	.....	.....	6
Belmont	.....	.....	.....	.....	.....	.....	11
Brown	.....	.....	.....	.....	2	8	7
Butler	.....	.....	1	.....	7	11	5
Carroll	.....	.....	.....	.....	16	19	1
Champaign	.....	.....	.....	.....	4	.....	3
Clarke	.....	.....	.....	.....	1	3	17
Clermont	1	.....	.....	2	5	6	2
Clinton	.....	.....	.....	.....	.....	1	3
Columbiana	1	.....	.....	.....	17	15	16
Coshocton	.....	.....	.....	.....	.....	.....	1
Crawford	.....	.....	.....	.....	9	5	17
Cuyahoga	.....	.....	6	8	29	17	134
Darke	.....	.....	.....	.....	4	5	13
Defiance	.....	.....	.....	.....	2	.....	23
Delaware	.....	.....	.....	.....	7	7	.....
Erie	.....	.....	.....	1	.....	1	2
Fairfield	.....	.....	1	.....	2	3	8
Fayette	.....	.....	.....	1	.....	.....	4
Franklin	.....	.....	1	.....	16	14	5
Fulton	.....	.....	.....	.....	2	.....	13
Gallia	16	11	2	1	5	6	2
Geauga	.....	.....	.....	1	.....	.....	3
Greene	.....	.....	.....	.....	1	.....	2
Guernsey	.....	.....	3	.....	.....	8	7
Hamilton	.....	.....	10	5	112	93	50
Hancock	.....	.....	.....	.....	.....	.....	10
Hardin	.....	.....	.....	.....	1	.....	11
Harrison	.....	.....	1	.....	18	18	11
Henry	.....	.....	.....	.....	.....	.....	11
Highland	.....	.....	.....	.....	.....	.....	6
Hocking	.....	.....	.....	.....	1	1	2
Holmes	.....	.....	2	2	5	.....	4
Huron	.....	.....	.....	.....	.....	2	2
Jackson	.....	.....	1	.....	.....	.....	9
Jefferson	.....	.....	.....	.....	2	.....	4
Knox	.....	.....	.....	.....	.....	.....	9
Lake	.....	.....	.....	.....	1	1	7
Lawrence	.....	.....	.....	.....	.....	1	3
Licking	.....	.....	.....	.....	5	3	11
Logan	.....	.....	.....	1	3	1	7
Lorain	.....	.....	.....	1	8	4	5

DEATHS IN EACH COUNTY IN OHIO FOR THE YEAR ENDING MARCH 31, 1879.

Class 1.—Zymotic disease.

Order 1.—Miasmatic, infectious, contagious, and epidemic.

	6. Croup.		7. Whooping-cough.		8. Typhoid fever.		9. Erysipelas.		10. Metris (puerperal fever.)		11. Carbuncle.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	3	3	2	5	2	5	1	1	.....	.....	.....	.....
	7	7	4	5	6	2	1	1	.....	.....	.....	.....
	2	2	1	1	6	1	.....	.....	.....	.....	.....	.....
	.....	.....	1	1	5	6	.....	2	.....	.....	.....	.....
	9	9	3	4	17	8	1	1	.....	4	.....	.....
	8	8	.....	.....	.....	7	1	2	.....	.....	.....	.....
	2	2	2	6	3	3	.....	1	.....	.....	.....	.....
	19	19	1	1	1	4	.....	.....	.....	1	.....	.....
	3	3	.....	.....	8	11	2	1	.....	.....	.....	.....
	2	2	.....	.....	1	3	.....	.....	.....	.....	.....	.....
	.....	.....	3	4	6	10	1	1	.....	.....	.....	.....
	2	2	1	1	1	2	1	.....	.....	.....	1	.....
	2	2	1	1	10	11	.....	1	.....	.....	1	.....
	.....	.....	4	3	4	3	1	.....	.....	.....	.....	.....
	3	3	.....	2	3	11	2	2	.....	.....	.....	.....
	6	6	7	5	2	2	.....	.....	.....	1	.....	.....
	4	4	3	5	.....	5	1	1	.....	.....	.....	.....
	8	8	8	8	18	12	3	3	.....	1	1	.....
	.....	2	2	5	8	5	2	1	.....	.....	.....	.....
	2	.....	.....	.....	1	1	2	2	.....	.....	.....	.....
	2	2	.....	10	5	1	1	1	.....	.....	.....	.....
	1	1	1	.....	4	2	1	.....	.....	.....	.....	.....
	6	6	1	1	5	4	.....	1	.....	.....	.....	.....
	3	3	1	.....	3	4	.....	.....	.....	.....	.....	.....
	6	6	2	1	10	14	.....	1	.....	1	.....	.....
	3	3	.....	.....	11	4	1	1	.....	1	.....	.....
	5	5	4	1	6	4	.....	.....	.....	.....	.....	.....
	3	3	.....	3	3	6	.....	1	.....	.....	.....	.....
	4	4	2	1	5	2	.....	.....	.....	2	.....	.....
	2	2	.....	7	7	6	.....	.....	.....	.....	.....	.....
	18	18	13	16	35	19	7	5	.....	5	.....	.....
	5	5	2	3	5	2	1	.....	.....	.....	.....	.....
	9	9	.....	3	3	7	.....	2	.....	.....	.....	.....
	1	1	1	.....	16	12	.....	.....	.....	1	.....	.....
	3	3	.....	3	4	9	.....	1	.....	.....	.....	.....
	2	2	.....	1	10	5	1	.....	.....	2	.....	.....
	1	1	2	1	3	1	3	1	.....	.....	.....	.....
	6	6	3	5	3	6	1	3	.....	2	1	1
	1	1	.....	1	3	3	3	.....	.....	1	.....	.....
	1	1	2	2	3	5	2	.....	.....	1	1	.....
	2	2	3	2	5	5	1	1	.....	.....	.....	.....
	1	1	2	2	4	4	1	.....	.....	.....	.....	.....
	5	5	1	2	.....	.....	1	.....	.....	.....	.....	.....
	4	4	3	2	9	2	1	1	.....	.....	.....	.....
	2	2	3	7	4	3	2	.....	.....	3	.....	.....
	1	1	.....	.....	8	5	1	.....	.....	.....	.....	.....
	5	5	5	4	6	14	.....	1	.....	.....	.....	.....

NOSOLOGICAL ARRANGEMENT, SHOWING TH

Counties.	Class 1.—Zymotic dis				
	Order 1.—Miasmatic, infectious, epidemic.				
	1. Small-pox.		2. Measles.		c... c
	M.	F.	M.	F.	M.
Lucas	------	------	4	2	23
Madison	------	------	------	------	------
Mahoning	------	------	------	------	4
Marion	------	------	------	------	7
Medina	------	------	------	1	2
Meigs	------	------	------	------	1
Mercer	------	------	1	1	------
Miami	------	------	------	------	6
Monroe	------	------	------	------	------
Montgomery	------	------	------	------	10
Morgan	------	------	------	1	1
Morrow	------	------	------	------	3
Muskingum	------	------	1	------	------
Noble	------	------	------	------	------
Ottawa	------	------	------	------	------
Paulding	------	------	------	------	5
Perry	------	------	------	------	------
Pickaway	------	------	------	------	2
Pike	------	------	------	------	------
Portage	------	------	------	------	2
Preble	------	------	------	------	4
Putnam	------	------	------	------	------
Richland	------	------	------	------	2
Ross	------	------	------	------	3
Sandusky	------	------	------	------	1
Scioto	------	------	------	------	2
Seneca	------	------	------	------	7
Shelby	------	------	1	2	------
Stark	------	------	------	------	47
Summit	------	------	------	------	7
Trumbull	------	------	1	------	------
Tuscarawas	------	------	------	1	3
Union	------	------	------	------	------
Van Wert	------	------	------	------	6
Vinton	------	------	------	------	------
Warren	------	------	------	------	3
Washington	2	------	3	2	------
Wayne	------	------	------	------	4
Williams	------	------	------	------	4
Wood	------	------	------	------	3
Wyandot	------	------	------	------	1
Totals	20	11	40	33	461

* 11 cases small-pox sex unknown.

CAUSES OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 1:—Zymotic diseases.

Order 1.—Miasmatic, infectious, contagious, and epidemic.

5. Quinsy.		6. Croup.		7. Whooping-cough.		8. Typhoid fever.		9. Erysipelas.		10. metris (puerperal fever.		11. Carbuncle.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
2	.....	17	10	3	5	3	4	2	2	.....	1	....	....
1	.....	2	.....	4	1	.....	1	2	.....	.....	.....	....	....
....	.....	5	1	3	.....	4	3	2	.....	.....	3	....	....
....	.....	1	3	5	8	9	6	1	.....	.....	.....	....	....
....	.....	2	2	.....	1	6	3	.....	.....	.....	.....	....	....
....	.....	2	8	1	.....	4	6	2	1	.....	.....	....	....
....	1	6	5	5	1	.....	.....	.....	.....	.....	.....	....	....
....	.....	15	14	.....	.....	6	7	2	1	.....	1	1	....
....	.....	3	2	1	.....	9	5	.....	1	.....	2	....	1
1	.....	9	16	3	8	8	6	11	4	.....	.....	....	....
....	.....	1	4	1	.....	1	1	.....	.....	.....	.....	....	....
....	.....	1	1	1	.....	.....	.....	4	.....	.....	.....	....	....
....	.....	3	1	5	5	9	5	1	.....	.....	.....	....	....
....	.....	1	2	.....	.....	5	5	1	.....	.....	1	....	....
....	.....	1	5	1	1	6	3	.....	.....	.....	.....	....	....
....	.....	2	3	1	1	3	2	.....	1	.....	.....	....	....
2	.....	1	1	.....	.....	2	1	2	1	.....	.....	....	....
....	.....	2	3	5	3	4	5	.....	.....	.....	1	....	....
1	.....	5	.....	.....	.....	2	.....	.....	1	.....	.....	....	....
1	.....	1	2	.....	.....	3	7	.....	1	.....	.....	....	....
....	.....	4	7	.....	.....	4	9	.....	.....	.....	.....	....	....
...	.....	6	8	.....	1	1	8	.....	.....	.....	.....	....	....
....	1	.....	1	.....	1	1	5	2	1	.....	.....	....	....
....	.....	6	1	2	1	3	4	.....	.....	.....	2	....	....
1	.....	7	3	6	6	10	5	.....	.....	.....	.....	....	....
....	.....	2	2	.....	.....	1	4	1	.....	.....	.....	....	....
1	.....	3	7	3	11	7	13	2	1	.....	.....	....	....
....	.....	2	.....	1	2	8	9	.....	.....	.....	.....	....	....
....	.....	3	1	4	6	5	8	2	2	.....	1	2	....
....	.....	5	2	.....	2	2	2	.....	4	.....	1	....	....
....	.....	6	2	.....	.....	7	5	1	.....	.....	.....	....	....
....	.....	4	2	.....	1	4	4	1	.....	.....	.....	....	....
....	.....	5	4	3	9	4	4	1	1	.....	.....	....	....
....	.....	3	1	.....	.....	4	5	.....	1	.....	.....	....	....
....	.....	2	1	1	1	2	4	.....	2	.....	.....	....	....
....	.....	1	4	1	2	8	11	1	.....	.....	.....	....	....
....	1	4	3	.....	2	6	4	.....	1	.....	.....	....	....
....	.....	3	3	6	4	5	10	3	.....	.....	.....	....	....
....	.....	3	4	1	.....	4	4	.....	.....	.....	.....	....	....
....	1	7	7	5	1	8	5	2	2	.....	1	1	....
....	.....	4	4	2	5	7	3	.....	.....	.....	.....	....	....
36	21	376	348	168	225	467	454	93	68	.....	40	9	2

NOSOLOGICAL ARRANGEMENT, SHOWING THE NUMBER

Counties.	Class 1.—Zymotic diseases.							
	Order 1.—Miasmatic, infectious, contagious, epidemic.							
	1. Small-pox.		2. Measles.		3. Scarlatina.		4. Diphtheria.	
	M.	F.	M.	F.	M.	F.	M.	F.
Lucas	.....	.....	4	2	23	26	8	2
Madison	.....	.....	.....	.....	.....	.....	6	12
Mahoning	.....	.....	.....	.....	4	7	7	2
Marion	.....	.....	.....	.....	7	8	1	...
Medina	.....	.....	.....	1	2	2	3	...
Meigs	.....	.....	.....	.....	1	.....	4	6
Mercer	.....	.....	1	1	.....	.....	8	7
Miami	.....	.....	.....	.....	6	4	2	7
Monroe	.....	.....	.....	.....	.....	.....	13	12
Montgomery	.....	.....	.....	.....	10	1	22	18
Morgan	.....	.....	.....	1	1	1	3	6
Morrow	.....	.....	.....	.....	3	1	....	...
Muskingum	.....	.....	1	.....	.....	.....	52	67
Noble	.....	.....	.....	.....	.....	.....	15	13
Ottawa	.....	.....	.....	.....	.....	.....	11	9
Paulding	.....	.....	.....	.....	5	3	4	3
Perry	.....	.....	.....	.....	.....	.....	1	2
Pickaway	.....	.....	.....	.....	2	5	1	1
Pike	.....	.....	.....	.....	.....	.....	2	3
Portage	.....	.....	.....	.....	2	1	10	19
Preble	.....	.....	.....	.....	4	5	1	4
Putnam	.....	.....	.....	.....	.....	.....	8	9
Richland	.....	.....	.....	.....	2	2	16	10
Ross	.....	.....	.....	.....	3	4	3	6
Sandusky	.....	.....	.....	.....	1	4	12	17
Scioto	.....	.....	.....	.....	2	.....	3	...
Seneca	.....	.....	.....	.....	7	12	6	6
Shelby	.....	.....	1	2	.....	.....	7	4
Stark	.....	.....	.....	.....	47	60	13	10
Summit	.....	.....	.....	.....	7	5	15	10
Trumbull	.....	.....	1	.....	.....	3	6	12
Tuscarawas	.....	.....	.....	1	3	7	5	4
Union	.....	.....	.....	.....	.....	.....	6	4
Van Wert	.....	.....	.....	.....	6	5	5	9
Vinton	.....	.....	.....	.....	.....	1	....	....
Warren	.....	.....	.....	.....	3	4	....	1
Washington	2	.....	3	2	.....	.....	14	15
Wayne	.....	.....	.....	.....	4	6	23	21
Williams	.....	.....	.....	.....	4	9	16	10
Wood	.....	.....	.....	.....	3	2	1	1
Wyandot	.....	.....	.....	.....	1	2	2	....
Totals	20	11	40	33	461	453	836	896

* 11 cases small-pox sex unknown.

CAUSES OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 1.—Zymotic diseases.

Order 1.—Miasmatic, infectious, contagious, and epidemic.

16. Cholera.		17. Ague.		18. Remittent fever.		19. Rheumatism.		20. Cerebro-spinal meningitis (spotted fever).		Total deaths, Order 1.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
					1					15	20
		2		1	6	1	2	6	4	58	61
				1	1		1	1		24	11
						2	2		2	23	28
										55	52
			5	6	7	2	3	1	2	31	42
				1	2	1	2			25	26
						9	4	1	1	30	44
						1				26	34
					1	3	2			24	33
				1	1	1				25	21
	1	1	3			2	1	1	2	38	29
				2		1	3	1	5	32	46
			5	7					2	29	18
			4				1	1		55	63
	1		1				1			17	27
						2	1	4	5	44	47
	1	1	4			12	3	9	3	287	238
	8	10	1	2			2	16	10	67	66
	2	1	1			1		2	2	42	43
			1				1	2	2	23	33
		3	6	3		2				17	23
		2				2	2			26	26
	1	1	1	4		1		1		17	20
1	1	1	7	3		3	2	1	1	68	68
	1	1	1	3		1		2	5	38	43
				2		1				42	36
									6	11	19
4						1	2	2		21	33
			3	8		6				45	40
5	1	2	5	4		8	5	13	25	348	273
			2	6		2	1			28	32
	1	1	6	3				1		35	43
			1	1		1	1		1	58	55
			3	1				5	2	33	36
			3	3		2		2	1	41	33
							1	3	1	26	11
	1	2	10			2	4		1	50	40
				1					2	20	30
	2	3	4	1			1	10	3	47	36
			1			1	1	3		27	17
						1	2	2	3	25	14
							3			17	16
			1			2	1	2	1	58	27
						1	5	3	2	34	49
		1	2	2			1	4	4	38	26
26											

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 1.—Zymotic diseas					
	Order 1.—Miasmatic, infectious, co epidemic.					
	12. Influenza.		13. Dysentery.		14. Diarrhœa.	
	M.	F.	M.	F.	M.	F.
Lorain			6	4	1	1
Lucas			1	1	4	4
Madison						
Mahoning			4	1		3
Marion		1	1	1		
Medina					1	
Meigs					3	3
Mercer			4	1		
Miami	2		3		2	
Monroe			1	1		
Montgomery			11	4	11	4
Morgan						
Morrow						
Muskingum						
Noble						
Ottawa			3			
Paulding				1		
Perry					3	2
Pickaway			1			
Pike	4		3		2	3
Portage					3	1
Preble		1				
Putnam			6	3	1	
Richland					1	1
Ross	2				2	
Sandusky	2	2	3	5	6	3
Scioto					1	3
Seneca			3	1	1	1
Shelby		1		1		
Stark			2		3	2
Summit			1			
Trumbull	2	1	2	1		
Tuscarawas			2	1	1	
Union		1	3	1		
Van Wert			2	2		1
Vinton						
Warren	1		3	2		1
Washington			2	2	2	3
Wayne			1	7		
Williams			2	1		
Wood			3	6	2	
Wyandot			1	1	1	
Totals	27	11	131	97	110	70

CAUSES OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 1.—Zymotic diseases.

Order 1.—Miasmatic, infectious, contagious, and epidemic.

16. Cholera.		17. Ague.		18. Remittent fever.		19. Rheumatism.		20. Cerebro-spinal meningitis (spotted fever).		Total deaths, Order 1.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
.....	.....	.....	.....	.....	.....	.....	.....	1	1	46	44
.....	.....	4	1	4	2	2	1	2	1	86	67
.....	.....	1	.....	3	3	.....	1	.....	2	21	23
.....	.....	.....	1	.....	.....	2	1	1	.....	36	25
1	.....	2	1	.....	1	2	.....	2	2	34	33
.....	.....	.....	.....	1	.....	1	.....	2	3	20	16
.....	.....	.....	.....	1	3	2	.....	2	1	23	32
.....	.....	.....	.....	.....	.....	.....	.....	1	.....	26	22
.....	.....	.....	.....	1	1	2	6	.....	1	48	46
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	32	26
.....	.....	.....	.....	8	5	1	1	14	15	126	89
1	1	.....	.....	2	1	1	.....	.....	1	13	21
.....	.....	1	1	3	1	1	2	1	1	17	9
.....	.....	.....	.....	1	2	1	3	.....	.....	77	84
.....	.....	.....	.....	.....	.....	.....	1	1	.....	23	22
.....	.....	.....	.....	.....	1	1	2	.....	.....	23	23
.....	.....	.....	1	.....	3	.....	.....	1	1	16	21
.....	.....	.....	.....	5	3	2	5	1	.....	33	22
.....	.....	.....	1	4	2	1	.....	.....	.....	28	22
1	.....	2	1	2	1	.....	.....	5	2	33	12
.....	.....	1	.....	2	1	2	.....	4	1	34	39
.....	.....	1	1	3	6	.....	2	.....	2	21	40
.....	.....	.....	.....	.....	1	.....	.....	5	6	34	39
.....	.....	.....	.....	.....	.....	3	2	2	1	30	27
.....	.....	1	.....	10	6	.....	1	.....	1	36	34
.....	.....	.....	.....	4	2	.....	.....	.....	.....	64	52
.....	1	1	2	.....	1	1	.....	.....	.....	14	14
.....	.....	1	1	2	1	3	1	3	3	45	60
.....	.....	2	2	5	4	.....	1	2	2	31	30
.....	.....	.....	.....	4	4	1	1	2	.....	101	113
.....	.....	.....	.....	2	1	1	.....	.....	1	41	33
.....	.....	3	1	1	3	.....	.....	.....	.....	36	34
.....	.....	1	.....	1	1	.....	3	.....	.....	27	30
.....	.....	.....	.....	1	.....	.....	1	2	2	27	30
.....	.....	1	3	1	2	.....	.....	4	3	27	37
.....	.....	.....	.....	.....	.....	1	.....	2	.....	11	11
.....	.....	.....	.....	.....	3	2	.....	3	2	24	32
1	2	.....	.....	7	2	3	2	1	.....	49	48
.....	.....	.....	.....	.....	.....	.....	4	1	.....	52	66
.....	.....	1	2	4	4	1	.....	.....	.....	37	36
.....	.....	2	1	3	1	2	2	8	6	49	45
.....	.....	.....	.....	.....	.....	1	1	4	3	34	27
14	14	48	55	171	148	115	105	176	159	3668	3568

* Two cases of yellow fever.

NOSOLOGICAL ARRANGEMENT, SHOWING THE N

Counties.	Class 1.—Zymotic diseases.								
	Order 2.—Enthetic.								
	1. Syphilis.		2. Stricture of urethra.		3. Hydrophobia.		4. Glanders (and malignant pustule).		
	M.	F.	M.	F.	M.	F.	M.	F.	
Adams									..
Allen									..
Ashland									..
Ashtabula									..
Athens									..
Auglaize									..
Belmont									..
Brown									..
Butler									..
Carroll									.
Champaign									..
Clarke									..
Clermont							1		
Clinton									..
Columbiana									..
Coshocton									..
Crawford									..
Cuyahoga	2								
Darke									..
Defiance									..
Delaware									..
Erie									..
Fairfield									..
Fayette									..
Franklin	1								
Fulton									..
Gallia									..
Geauga									..
Greene									..
Guernsey									..
Hamilton		1		1			1		
Hancock									..
Hardin									..
Harrison									..
Henry									..
Highland									..
Hocking	1								
Holmes			1	2			1		
Huron									..
Jackson									..
Jefferson									..
Knox									..
Lake									..
Lawrence									..
Licking									..
Logan									..

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 1.—Zymotic diseases.

Order 3.—Dietic.										Order 4.—Parasitic.					
1. Privation (starvation).		2. Purpura and scurvy.		Alcoholism. 3. Delirium tremens.		Alcoholism. 4. Intemperance.		Total deaths, Order 3.		1. Thrush.		2. Worms.		Total deaths, Order 4.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
										1				1	
						1		1							
			1	1				1	1	1	1			1	1
				1				1							
													1		1
										1				1	
												1	1	1	1
				1		1		2				3		3	
											1				1
						1		1							
							3		3						
						1		1							
						1		1							
				3		2		5				1		1	
						1		1			1	3	5	3	6
													1		1
						1		1							
		1						1							

NOSOLOGICAL ARRANGEMENT, SHOWING THE N

Counties.	Class 1.—Zymotic diseases.								
	Order 2.—Enthetic.								
	1. Syphilis.		2. Stricture of urethra.		3. Hydrophobia.		4. Glanders (and malignant pustule).		
	M.	F.	M.	F.	M.	F.	M.	F.	
Adams									..
Allen									..
Ashland									..
Ashtabula									..
Athens									..
Auglaize									..
Belmont									..
Brown									..
Butler									..
Carroll									.
Champaign									..
Clarke									..
Clermont							1		
Clinton									..
Columbiana									..
Coshocton									..
Crawford									..
Cuyahoga	2								
Darke									..
Defiance									..
Delaware									..
Erie									..
Fairfield									..
Fayette									..
Franklin	1								
Fulton									..
Gallia									..
Geauga									..
Greene									..
Guernsey									..
Hamilton		1		1			1		
Hancock									..
Hardin									..
Harrison									..
Henry									..
Highland									..
Hocking	1								
Holmes			1	2			1		
Huron									..
Jackson									..
Jefferson									..
Knox									..
Lake									..
Lawrence									..
Licking									..
Logan									..

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 1.—Zymotic diseases.

Order 3.—Dietic.										Order 4.—Parasitic.					
1. Privation (starvation).		2. Purpura and scurvy.		Alcoholism. 3. Delirium tremens.		Alcoholism. 4. Intemperance.		Total deaths, Order 3.		1. Thrush.		2. Worms.		Total deaths, Order 4.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
										1				1	
						1		1							
			1	1				1	1	1	1			1	1
				1				1							
													1		1
										1				1	
												1	1	1	1
				1		1		2			1	3		3	1
						1		1							
						1	3	1	3						
						1		1							
						1		1				1		1	
				3		2		5							
						1		1			1	3	5	3	6
													1		1
						1		1							
		1						1							

NOSOLOGICAL ARRANGEMENT, SHOWING THE N

Counties.	Class 1.—Zymotic diseases.								
	Order 2.—Enthetic.								
	1. Syphilis.		2. Stricture of urethra.		3. Hydrophobia.		4. Glanders (and malignant pustule).		
	M.	F.	M.	F.	M.	F.	M.	F.	
Lorain	.....	.....	.....	.....	.....	.....	.....	.....	
Lucas	.....	.....	.....	.....	.....	.....	.....	.....	
Madison	.....	.....	.....	.....	.....	.....	.....	.....	
Mahoning	.....	.....	.....	.....	.....	.....	.....	.....	
Marion	.....	.....	.....	.....	.....	.....	.....	.....	
Medina	.....	.....	.....	.....	.....	.....	.....	.....	
Meigs	.....	.....	.....	.....	.....	.....	.....	.....	
Mercer	.....	.....	.....	.....	.....	.....	.....	.....	
Miami	.....	.....	.....	.....	.....	.....	.....	.....	
Monroe	.....	.....	.....	.....	.....	.....	.....	.....	
Montgomery	1	.....	.....	.....	.....	.....	3	3	
Morgan	.....	.....	.....	.....	.....	.....	.....	.....	
Morrow	.....	.....	.....	.....	.....	.....	.....	.....	
Muskingum	.....	.....	.....	.....	.....	.....	.....	.....	
Noble	.....	.....	.....	.....	.....	.....	.....	.....	
Ottawa	.....	.....	.....	.....	.....	.....	.....	.....	
Paulding	.....	.....	.....	.....	.....	.....	.....	.....	
Perry	1	.....	.....	.....	.....	.....	.....	.....	
Pickaway	.....	.....	.....	.....	.....	.....	.....	.....	
Pike	.....	.....	.....	.....	.....	.....	.....	.....	
Portage	.....	.....	.....	.....	.....	.....	.....	.....	
Preble	.....	.....	.....	.....	.....	.....	.....	.....	
Putnam	.....	.....	.....	.....	.....	.....	.....	.....	
Richland	.....	1	.....	.....	.....	.....	.....	.....	
Ross	.....	.....	.....	.....	.....	.....	.....	.....	
Sandusky	.....	.....	.....	.....	.....	.....	.....	.....	
Scioto	.....	.....	.....	.....	.....	.....	.....	.....	
Seneca	.....	.....	.....	.....	.....	.....	.....	.....	
Shelby	.....	.....	.....	.....	.....	.....	.....	.....	
Stark	.....	.....	.....	.....	.....	.....	.....	.....	
Summit	.....	.....	.....	.....	.....	.....	.....	.....	
Trumbull	.....	.....	.....	.....	.....	.....	.....	.....	
Tuscarawas	.....	.....	.....	.....	.....	.....	.....	.....	
Union	.....	.....	.....	.....	.....	.....	.....	.....	
Van Wert	.....	.....	.....	.....	.....	.....	.....	.....	
Vinton	.....	.....	.....	.....	.....	.....	.....	.....	
Warren	.....	.....	.....	.....	.....	.....	.....	.....	
Washington	1	.....	.....	.....	.....	.....	.....	.....	
Wayne	.....	.....	.....	.....	.....	.....	.....	.....	
Williams	.....	.....	.....	.....	.....	.....	.....	.....	
Wood	.....	.....	.....	.....	.....	.....	.....	.....	
Wyandot	.....	.....	.....	.....	.....	.....	.....	.....	
Totals	7	2	1	3	.....	.....	6	3	1

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 1.—Zymotic diseases.

	Order 3.—Dietic.									Order 4.—Parasitic.					
	1. Privation (starvation).		2. Purpura and scurvy.		Alcoholism. 3. Delirium tremens.		Alcoholism. 4. Intemperance.		Total deaths, Order 3.		1. Thrush.		2. Worms.		Total deaths, Order 4.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
					2				2							
					1				1				1		1	
							1		1							
											1				1	
					1				1		1	1	2	2	3	3
			1						1							
	8			1	2				11	9		1				1
							1		1							
							1		1							
													1		1	
											1	3	1	2	2	5
							1		1				2		2	
													1		1	
												1				1
							1		1							
			1				1		1	1						
														1		1
											1				1	
													1		1	
							1		1							
	1								1							
9	8	2	3	13		16	3	40	14	7	9	17	13	24	23

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 2.—Constitutional di					
	Order 1.—Diathetic.					
	1. Gout.		2. Dropsy and anæmia.		3. Cancer.	
	M.	F.	M.	F.	M.	
Adams	.....	.....	7	2	1	
Allen	.....	.....	4	.....	1	
Ashland	.....	.....	2	1	1	
Ashtabula	.....	.....	2	4	4	
Athens	.....	.....	7	2	1	..
Auglaize	.....	.....	2	1	1	
Belmont	.....	.....	11	7	6	
Brown	.....	.....	6	6	3	
Butler	.....	.....	3	6	2	
Carroll	.....	.....	4	3	.....	
Champaign	.....	.....	3	4	5	
Clark	.....	1	5	4	4	
Clermont	.....	.....	2	5	3	
Clinton	.....	.....	2	3	.....	
Columbiana	.....	.....	8	3	2	
Coshocton	.....	.....	2	3	.....	
Crawford	.....	.....	5	3	3	
Cuyahoga	1	.....	11	13	12	
Darke	.....	.....	8	5	3	
Defiance	.....	.....	2	3	.....	..
Delaware	.....	.....	1	.....	2	
Erie	.....	.....	2	4	.....	..
Fairfield	1	.....	4	5	2	
Fayette	.....	.....	1	1	.....	
Franklin	.....	.....	5	9	3	
Fulton	.....	.....	4	5	2	
Gallia	.....	.....	2	2	2	
Geauga	.....	.....	3	5	2	
Greene	.....	.....	4	3	1	
Guernsey	.....	.....	2	.....	2	
Hamilton	3	1	43	37	12	
Hancock	.....	.....	5	1	2	
Hardin	.....	.....	.....	.....	1	
Harrison	.....	.....	2	2	.....	
Henry	.....	.....	4	3	.....	..
Highland	.....	.....	3	3	1	
Hocking	.....	.....	1	4	.....	..
Holmes	.....	1	1	2	.....	..
Huron	.....	.....	1	3	2	
Jackson	.....	.....	5	4	1	...
Jefferson	.....	.....	4	11	1	
Knox	.....	.....	2	5	5	
Lake	.....	.....	.....	1	2	
Lawrence	.....	.....	4	2	1	
Licking	.....	.....	2	2	3	...
Logan	.....	.....	.....	.....	5	
Lorain	1	.....	1	1	5	

OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 2.—Constitutional diseases.

1 —Diathetic.		Order 2.—Tuberoular.									
Total deaths, Order 1.		1. Scrofula.		2. Tabes mesenterica (consumption of bowels).		3. Phthisis (consumption of lungs.)		4. Hydrocephalus (dropsy of brain.)		Total deaths, Order 2.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
8	4	1	.....	.....	.....	1	1	.....	.....	2	1
5	2	.....	.....	.....	2	23	18	.....	.....	23	20
3	7	.....	.....	1	.....	7	9	.....	.....	8	9
6	8	.....	1	.....	1	31	26	.....	.....	31	27
8	2	.....	.....	.....	.....	18	17	1	1	19	18
3	2	1	1	.....	.....	9	7	.....	.....	10	8
17	12	2	1	.....	.....	1	.....	.....	.....	3	1
9	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	10	.....	.....	.....	.....	23	29	.....	.....	23	29
4	6	.....	.....	.....	.....	1	8	.....	.....	1	8
8	7	.....	.....	.....	.....	11	22	1	1	12	23
10	9	.....	.....	.....	.....	19	16	.....	.....	19	16
5	10	1	.....	.....	.....	35	45	.....	.....	36	45
2	4	.....	1	.....	.....	12	34	.....	.....	12	35
13	7	2	.....	.....	.....	25	30	.....	.....	27	30
2	4	1	.....	.....	.....	14	13	.....	.....	15	13
8	8	1	.....	.....	.....	20	23	.....	.....	21	23
26	31	4	3	34	36	42	37	6	4	86	80
11	7	1	2	.....	.....	29	39	.....	.....	30	41
2	3	1	.....	.....	1	19	22	.....	.....	20	23
3	5	.....	.....	1	.....	1	.....	.....	1	2	1
2	4	.....	2	1	.....	27	13	1	1	29	16
8	9	2	1	.....	1	17	32	1	.....	20	34
1	3	.....	.....	.....	.....	6	11	.....	.....	6	11
8	11	1	1	.....	.....	38	31	.....	.....	39	32
6	6	2	1	.....	1	17	17	.....	.....	19	19
4	5	5	4	2	2	32	26	2	.....	41	32
5	6	.....	.....	.....	.....	10	15	.....	.....	10	15
5	5	1	.....	.....	.....	18	32	.....	1	19	33
4	2	2	4	.....	.....	14	11	.....	.....	16	15
59	62	1	2	2	1	200	171	7	.....	210	174
7	2	.....	2	.....	.....	.....	.....	.....	.....	.....	2
1	3	6	1	.....	.....	12	20	1	.....	19	21
2	4	.....	.....	.....	.....	.....	.....	.....	1	.....	1
4	3	.....	.....	.....	.....	5	11	.....	.....	5	11
4	6	2	2	.....	.....	16	27	.....	.....	18	29
2	4	2	1	1	1	10	23	.....	.....	13	25
4	4	4	3	2	1	2	2	1	2	9	8
3	11	.....	1	.....	.....	25	31	.....	.....	28	32
6	4	.....	.....	.....	.....	17	21	.....	.....	17	21
5	12	.....	1	1	2	19	17	.....	.....	20	20
7	9	2	.....	.....	.....	19	16	.....	.....	21	16
2	7	.....	.....	.....	.....	11	12	.....	.....	11	12
5	4	3	.....	.....	.....	19	20	.....	.....	22	20
5	2	.....	.....	.....	1	23	27	.....	1	23	29
9	9	2	1	.....	.....	17	18	.....	.....	19	19
7	8	.....	1	.....	.....	20	21	.....	.....	20	22

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 2.—Constitutional dis					
	Order 1.—Diathetic.					
	1. Gout.		2. Dropsy and anæmia.		3. Cancer.	
	M.	F.	M.	F.	M.	
Lucas	.....	1	9	5	1	
Madison	.....	.....	.....	3	1	...
Mahoning	.....	.....	4	3	4	
Marion	.....	.....	2	4	.....	...
Medina	.....	.....	3	4	3	
Meigs	.....	.....	8	6	1	
Mercer	.....	.....	3	4	.....	...
Miami	.....	.....	4	6	1	
Monroe	.....	.....	10	6	.....	
Montgomery	.....	.....	17	17	9	
Morgan	.....	.....	4	2	2	
Morrow	.....	.....	3	4	3	
Muskingum	.....	.....	4	9	7	
Noble	.....	.....	1	3	.....	
Ottawa	.....	.....	1	1	.....	...
Paulding	.....	.....	1	1	2	...
Perry	.....	.....	4	1	.....	...
Pickaway	.....	.....	4	1	.....	
Pike	.....	.....	3	2	1	
Portage	.....	.....	4	4	5	
Preble	.....	.....	4	3	2	
Putnam	.....	.....	.....	.....	.....	...
Richland	.....	.....	8	3	5	
Ross	.....	.....	6	5	2	
Sandusky	....	.....	.....	3	2	
Scioto	.....	.....	1	.....	1	
Seneca	.....	.....	5	2	9	
Shelby	.....	.....	4	2	.....	
Stark	.....	.....	11	15	5	
Summit	.....	.....	6	4	4	
Trumbull	.....	.....	6	8	3	
Tuscarawas	.....	.....	2	4	13	
Union	.....	.....	.....	.....	1	
Van Wert	.....	.....	7	4	.....	...
Vinton	.....	.....	3	1	.....	
Warren	.....	.....	2	1	3	
Washington	.....	.....	7	12	1	
Wayne	.....	.....	6	2	.....	
Williams	.....	.....	5	4	.....	
Wood	1	.....	5	2	1	
Wyandot	.....	.....	.....	2	.....	
Totals	7	4	379	356	201	2

CAUSES OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 2.—Constitutional diseases.

der 1.—Diathetic.		Order 2.—Tubercular.									
	Total deaths, Order 1.		1. Scrofula.		2. Tabes mesentarica (consumption of bowels.)		3. Phthisis (consumption of lungs.)		4. Hydrocephalus (dropsy of brain.)		Total deaths, Order 2.	
F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	10	10	.....	1	1	.....	37	44	.....	.....	38	45
	1	3	.....	.....	.....	.....	13	10	.....	.....	13	10
	8	6	1	1	.....	.....	8	18	.....	.....	9	19
	4	4	.....	.....	1	1	9	10	.....	.....	10	11
	6	9	2	.....	6	20	.....	.....	.....	.....	8	20
	9	7	2	1	.....	.....	21	40	.....	.....	23	41
	3	4	.....	.....	.....	.....	11	11	.....	.....	11	11
	5	8	.....	1	.....	.....	37	33	.....	.....	37	34
	10	8	1	.....	.....	1	13	13	.....	.....	14	14
	27	20	3	1	.....	.....	117	75	2	2	122	78
	6	4	1	.....	.....	.....	14	24	.....	.....	15	24
	6	5	.....	.....	2	.....	17	20	.....	.....	19	20
	11	12	1	3	.....	.....	20	36	.....	.....	21	39
	1	8	1	.....	.....	.....	5	16	.....	.....	6	16
	1	1	.....	.....	.....	.....	11	3	.....	.....	11	3
	3	1	.....	.....	.....	.....	6	10	.....	.....	6	10
	4	1	.....	.....	.....	.....	3	4	1	1	4	5
	4	5	1	.....	.....	.....	19	21	.....	.....	20	21
	4	6	2	1	.....	.....	.....	.....	.....	.....	2	1
	9	13	2	1	.....	1	13	34	.....	.....	15	36
	9	6	.....	1	1	1	16	19	.....	.....	17	21
	.....	.....	.....	.....	.....	1	13	11	.....	.....	13	12
1	14	9	2	2	.....	.....	19	22	.....	.....	21	24
	8	8	4	.....	.....	.....	33	43	1	.....	38	43
	2	6	.....	.....	2	.....	15	10	.....	1	17	11
	2	1	.....	1	.....	.....	19	20	.....	.....	19	21
	14	6	1	.....	.....	.....	11	16	.....	.....	12	16
	4	4	.....	.....	.....	.....	12	21	.....	.....	12	21
	17	20	1	.....	.....	.....	17	25	.....	.....	18	25
	11	6	.....	.....	1	.....	30	22	.....	2	31	24
1	12	14	1	.....	.....	1	15	22	.....	.....	16	23
	15	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1	1	1	3	.....	.....	18	21	.....	.....	19	24
	7	4	.....	.....	.....	.....	14	10	2	.....	16	10
	3	3	.....	2	.....	.....	14	27	.....	.....	14	29
	5	9	1	.....	.....	.....	26	20	.....	.....	27	20
2	10	19	.....	.....	.....	1	36	34	.....	.....	36	35
	6	4	.....	.....	1	.....	10	13	2	.....	13	13
	6	5	.....	.....	.....	.....	12	13	.....	.....	12	13
	7	4	1	3	.....	.....	21	11	.....	.....	22	14
	1	3	.....	.....	11	14	.....	.....	.....	.....	11	14
21	619	639	79	59	71	91	1660	1822	29	19	1639	1991

NOSOLOGICAL ARRANGEMENT, SHOWING

Counties.	Class 3.—Lo			
	Order 1.—Ner			
	1. Cephalitis (inflammation of the brain).		2. Anglaise	
	M.	F.	M.	
Adams	.....	.....	.....	
Allen	.....	.....	2	
Ashland	.....	1	3	
Ashtabula	3	.....	4	
Athens	.....	.....	1	
Auglaize	.....	.....	.....	
Belmont	1	.....	1	
Brown	5	7	3	
Butler	.....	.....	.....	
Carroll	1	1	.....	
Champaign	1	.....	1	
Clarke	1	.....	.....	
Clermont	2	1	3	
Clinton	3	5	2	
Columbiana	4	2	4	
Coshocton	.....	1	1	
Crawford	.....	.....	2	
Cuyahoga	12	10	3	
Darke	.....	.....	1	
Defiance	1	.....	1	
Delaware	.....	.....	2	
Erie	.....	.....	.....	
Fairfield	1	2	2	
Fayette	.....	.....	.....	
Franklin	.....	.....	3	
Fulton	5	.....	.....	
Gallia	3	5	.....	
Geauga	.....	.....	2	
Greene	2	1	.....	
Guernsey	.....	.....	6	
Hamilton	20	24	26	
Hancock	.....	.....	.....	
Hardin	1	.....	.....	
Harrison	1	.....	1	
Henry	1	2	.....	
Highland	.....	1	4	
Hocking	.....	.....	1	
Holmes	.....	.....	.....	
Huron	2	2	3	
Jackson	.....	.....	.....	
Jefferson	.....	.....	.....	
Knox	1	1	1	
Lake	.....	.....	1	
Lawrence	.....	.....	.....	
Licking	.....	.....	2	
Logan	.....	1	.....	
Lorain	4	2	4	

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 1.—Nervous system.

4. Insanity.		5. Chorea (St. Vitus' dance).		6. Epilepsy.		7. Tetanus.		8. Convulsions.		9. Brain disease.		Total deaths, Order 1.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1	----	.....	.....	.....	1	.....	.....	1	.....	3	3	5	6
----	----	.....	.....	.....	1	.....	.....	1	2	17	11	24	16
----	----	.....	.....	.....	.....	.....	.....	1	.....	2	6	10	15
----	----	2	.....	3	1	1	.....	.....	1	5	4	21	8
1	----	.....	.....	.....	.....	.....	.....	1	.....	2	.....	11	3
----	----	.....	.....	.....	.....	.....	.....	6	7	11	3	19	10
----	----	1	.....	.....	.....	.....	.....	4	.....	10	12	23	20
----	----	.....	.....	.....	1	.....	.....	.....	2	.....	.....	11	13
----	----	.....	.....	.....	.....	.....	.....	2	2	5	4	12	16
----	----	.....	.....	.....	1	.....	.....	.....	1	2	2	6	8
----	----	.....	.....	1	1	.....	.....	.....	3	5	7	9	16
----	1	.....	.....	.....	.....	.....	.....	4	2	9	5	17	15
1	1	.....	.....	1	1	.....	.....	11	7	14	8	40	25
----	----	.....	.....	.....	1	.....	.....	1	.....	.....	.....	10	9
----	----	.....	.....	.....	.....	1	.....	3	2	9	1	28	21
----	----	.....	.....	1	1	.....	.....	.....	.....	2	4	4	10
----	----	.....	.....	.....	.....	.....	.....	3	3	7	6	15	12
2	----	.....	.....	3	2	.....	.....	32	25	25	11	86	59
----	----	.....	.....	.....	.....	.....	.....	2	1	18	18	25	24
----	----	.....	.....	.....	.....	.....	.....	1	.....	2	5	8	8
----	..	.....	.....	1	1	.....	.....	1	.....	6	2	14	7
----	...	.....	.....	.....	.....	.....	.....	2	2	3	4	8	6
----	...	.....	.....	1	.....	1	.....	1	3	5	2	16	9
----	1	.....	.....	.....	.....	.....	.....	4	1	1	3	10	6
2	...	.....	.....	1	1	.....	.....	3	1	20	13	37	21
----	...	.....	1	.....	.....	.....	.....	3	.....	4	.....	14	6
----	1	.....	.....	1	.....	.....	.....	1	.....	1	3	7	16
----	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	8
1	...	.....	.....	.....	2	.....	1	1	1	6	3	16	15
----	...	.....	.....	.....	.....	.....	.....	.....	1	.....	2	10	7
2	...	.....	.....	3	1	5	2	78	56	73	41	240	153
----	...	.....	.....	3	1	.....	.....	2	1	8	6	16	10
----	...	.....	.....	.....	.....	.....	.....	.....	1	11	7	17	14
...	...	.....	.....	1	1	.....	.....	2	1	2	.....	9	3
----	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2
----	...	.....	.....	.....	.....	.....	1	2	2	14	4	24	18
----	...	.....	.....	.....	.....	.....	.....	1	3	5	4	10	10
----	...	.....	.....	.....	1	.....	.....	3	1	4	3	10	6
1	...	.....	.....	3	.....	.....	.....	1	1	3	3	21	10
----	...	.....	.....	.....	.....	.....	.....	.....	.....	6	5	8	7
----	...	.....	.....	.....	.....	1	.....	1	1	1	1	12	7
----	...	.....	.....	1	1	.....	.....	.....	1	3	3	9	13
----	...	.....	.....	.....	.....	.....	.....	2	1	2	1	10	5
1	...	.....	1	.....	.....	1	.....	3	2	8	10	14	16
----	...	.....	.....	1	.....	1	.....	.....	.....	8	8	16	12
1	...	.....	.....	.....	2	.....	.....	1	1	8	11	13	19
----	2	.....	.....	.....	.....	.....	.....	4	6	6	1	28	19

NOSOLOGICAL ARRANGEMENT, SHOWING

Counties.	Class 3.—Lo			
	Order 1.—Ner			
	1. Cephalitis (inflammation of the brain).		2 Anglaw	
	M.	F.	M.	
Lucas	2	1	1	
Madison	.....	.....	1	
Mahoning	.....	.....	2	
Marion	.....	.....	.....	
Medina	1	3	4	
Meigs	.....	.....	1	
Mercer	.....	.....	.....	
Miami	.....	.....	1	
Monroe	.....	1	.....	
Montgomery	27	20	12	
Morgan	1	.....	2	
Morrow	.....	.....	1	
Muskingum	1	.....	1	
Noble	.....	.....	.....	
Ottawa	.....	.....	1	
Paulding	.....	.....	.....	
Perry	.....	.....	.....	
Pickaway	.....	.....	2	
Pike	.....	.....	.....	
Portage	1	.....	2	
Preble	2	2	.....	
Putnam	.....	.....	.....	
Richland	.....	3	4	
Ross	3	2	.....	
Sandusky	.....	1	5	
Scioto	.....	.....	1	
Seneca	.....	.....	2	
Shelby	.....	.....	.....	
Stark	1	4	3	
Summit	4	8	4	
Trumbull	.....	1	3	
Tuscarawas	.....	.....	4	
Union	7	3	1	
Van Wert	2	2	.....	
Vinton	.....	3	.....	
Warren	.....	.....	.....	
Washington	5	4	1	
Wayne	.....	.....	3	
Williams	.....	.....	.....	
Wood	.....	.....	.....	
Wyandot	.....	.....	1	
Total	132	127	153	

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 1.—Nervous system.

4. Insanity.		5. Chorea (St. Vitus' dance).		6. Epilepsy.		7. Tetanus.		8. Convulsions.		9. Brain disease.		Total deaths, Order 1.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				1				8	9	13	14	30	29
							1	2	1	6	3	12	7
				1				1	4	9	6	14	14
								2	3	1	5	5	11
						2		1	4		1	15	12
1										3	2	7	6
								9	3	7	8	17	13
1								2	3	6	6	10	10
								7	1	7	3	16	7
4	2			6	4			14	17	14	7	105	68
1	2			1	2				1	1	2	7	13
								3	1	7	7	12	10
						1		3	3	8	6	25	26
1								1	1	1	2	6	3
								1	3	1	1	3	4
					1			1		3		5	2
										1	4	5	5
1								2	1	3	4	10	6
					1	1		1	1	6	5	10	7
								1	1	5	2	15	11
					1			1	1	6	3	11	10
										4	6	7	7
			1					5	5	12	3	27	22
								5	2	2		14	11
				1				4	4	3		13	8
2								2		4	7	14	9
					1	1		2	5	6	1	16	13
								2	5	9	10	11	17
					1			11	6	12	9	35	29
4								6	6	3	1	29	19
				2	5				2	11		24	19
	1					1	1	7	5	4	9	17	18
										1	1	12	6
								3	3	3	7	8	16
	1			1	2					3	3	8	10
				1				2	1	10	6	19	11
1	1			1			1	2	1	3	6	18	23
	1			1				2	1	4	6	11	14
							2		1	1	1	2	6
								4	6	2	3	7	12
								2	2	6	6	10	14
32	16	3	3	41	40	17	9	308	258	567	426	1625	1297

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 3.—Local diseases.					
	Order 2.—Organs of circulati					
	1. Pericarditis.		2. Aneurism.		3. Heart diseases, etc.	
	M.	F.	M.	F.	M.	F.
Adams					2	2
Allen					5	2
Ashland					5	2
Ashtabula					19	17
Athens					1	3
Auglaize					3	3
Belmont					8	6
Brown					6	7
Butler					7	8
Carroll					3	1
Champaign					2	4
Clarke					8	4
Clermont					7	7
Clinton					2	5
Columbiana					17	10
Coshocton					4	4
Crawford					8	6
Cuyahoga					32	20
Darke					5	7
Defiance					2	2
Delaware			1		6	4
Erie					6	5
Fairfield	1				11	8
Fayette					2	1
Franklin					19	10
Fulton					7	4
Gallia					8	1
Geauga					7	2
Greene					6	6
Guernsey						
Hamilton					38	32
Hancock					6	5
Hardin					4	7
Harrison					2	1
Henry					1	1
Highland					4	7
Hocking					4	1
Holmes	1				1	
Huron			1		13	9
Jackson					7	8
Jefferson					6	13
Knox					13	7
Lake					6	
Lawrence					4	5
Licking					7	4
Logan					2	4

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 3.—Respiratory organs.

1. Epistaxis (nose bleed).		2. Laryngitis.		3. Bronchitis.		4. Pleurisy.		5. Pneumonia.		6. Asthma.		7. Lung diseases, etc.		Total deaths, Order 3, Class 3.	
M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
....	....	....	....	1	1	2	....	.....	3	....	.....	21	21	24	25
....	....	....	....	....	1	....	....	2	.....	....	.....	17	12	19	13
....	....	....	....	....	....	....	....	2	3	....	.....	8	9	10	12
....	....	....	1	1	....	....	1	5	2	....	.....	14	5	20	9
....	....	....	....	....	....	....	....	.....	.....	....	.....	1	3	1	3
....	....	....	....	1	....	1	....	.....	.....	1	.....	15	10	18	10
....	....	....	....	1	....	....	....	5	9	....	1	32	41	38	51
....	....	....	....	2	....	....	....	5	5	....	.....	64	67	71	72
....	....	....	....	....	....	....	....	8	14	....	.....	.....	.....	8	14
....	....	....	....	....	....	1	....	4	.....	2	1	7	4	14	5
....	....	....	....	1	1	....	....	3	2	1	.....	11	5	16	8
....	....	....	....	3	....	....	....	9	7	1	.....	13	6	26	13
....	....	....	....	3	1	....	....	20	9	1	.....	4	8	28	18
....	....	....	....	1	....	....	....	2	1	....	.....	12	9	15	10
....	....	....	....	1	2	....	....	13	11	....	.....	8	5	22	18
....	....	....	....	....	....	....	1	1	.....	....	.....	4	6	5	7
....	....	....	....	....	....	....	....	6	9	....	....	.....	.....	6	9
1	....	....	....	2	2	2	....	5	4	6	4	47	31	63	41
....	....	....	....	1	1	....	....	28	10	....	.....	.....	.....	29	11
....	....	....	....	....	....	....	....	2	2	....	.....	5	4	7	6
....	....	....	....	1	....	2	....	16	17	1	.....	4	.....	24	17
....	....	....	....	....	....	....	....	9	3	....	.....	1	1	10	4
....	....	....	....	1	1	....	....	.....	.....	2	1	13	16	16	18
....	....	....	....	....	....	....	....	1	.....	....	.....	1	3	2	3
....	....	....	....	....	....	....	....	5	3	1	.....	38	16	44	19
....	....	....	....	....	....	....	....	2	2	2	.....	13	4	17	9
....	....	....	....	4	1	....	....	4	2	1	.....	5	3	14	6
....	....	....	....	....	....	1	....	1	2	....	.....	2	1	4	3
....	....	....	....	1	1	....	....	5	7	2	2	1	4	9	14
....	....	....	....	....	....	2	....	8	.....	2	.....	.....	6	12	6
....	....	....	1	19	19	3	1	47	35	9	13	63	40	141	109
....	....	....	....	....	1	1	3	7	13	2	.....	13	26	23	43
....	....	....	....	....	....	....	....	1	2	....	.....	18	19	19	21
....	....	....	....	....	....	....	....	8	4	....	.....	3	6	11	10
....	....	....	....	3	....	....	....	13	7	....	.....	.....	.....	16	7
....	....	....	....	....	1	....	....	2	7	1	2	3	5	6	15
....	....	....	....	....	....	....	....	.....	.....	....	.....	6	6	6	6
....	....	....	....	....	1	....	....	.....	.....	....	.....	1	2	1	3
....	....	....	....	....	....	....	....	3	2	1	.....	3	5	7	7
....	....	....	....	1	1	....	....	8	13	2	.....	4	3	15	17
....	....	....	....	....	2	....	....	8	5	2	1	1	3	11	11
....	....	....	....	....	....	2	1	1	1	1	1	7	8	11	11
....	....	....	....	....	....	....	....	.....	.....	....	1	4	4	4	5
....	....	....	....	1	1	....	....	5	5	1	1	8	7	15	14
....	....	....	....	2	1	....	1	4	2	2	1	10	8	18	13
1	....	....	....	....	....	....	....	21	15	....	.....	2	5	24	25

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 3.—Local diseases.					
	Order 2.—Organs of circulat					
	1. Pericarditis.		2. Aneurism.		3. Heart diseases, etc.	
	M.	F.	M.	F.	M.	F.
Lorain	.....	.....	.....	.....	11	12
Lucas	.....	.....	1	.....	18	7
Madison	.....	.....	.....	.....	4	3
Mahoning	.....	.....	.....	.....	8	5
Marion	.....	.....	.....	.....	1	2
Medina	.....	.....	.....	.....	2	7
Meigs	.....	.....	.....	.....	4	1
Mercer	.....	.....	.....	.....	1	1
Miami	.....	.....	.....	.....	4	2
Monroe	.....	.....	.....	.....	2	3
Montgomery	.....	.....	.....	.....	32	15
Morgan	.....	.....	.....	.....	5	6
Morrow	.....	.....	.....	.....	3	7
Muskingum	.....	.....	.....	.....	12	10
Noble	.....	.....	.....	.....	3	4
Ottawa	.....	.....	.....	.....	.....	2
Paulding	.....	.....	.....	.....	2	1
Perry	.....	.....	.....	.....	6	8
Pickaway	.....	.....	.....	.....	6	5
Pike	.....	.....	.....	.....	3	3
Portage	.....	.....	.....	.....	8	7
Preble	.....	.....	.....	.....	7	6
Putnam	.....	.....	.....	.....	6	5
Richland	.....	.....	.....	.....	5	4
Ross	.....	.....	.....	.....	8	6
Sandusky	.....	.....	.....	.....	4	2
Scioto	.....	.....	.....	.....	10	4
Seneca	1	1	.....	.....	5	5
Shelby	.....	.....	.....	.....	3	5
Stark	1	.....	.....	.....	14	15
Summit	.....	2	.....	.....	6	13
Trumbull	.....	1	.....	.....	12	16
Tuscarawas	.....	.....	1	1	8	8
Union	.....	.....	.....	.....	3	6
Van Wert	.....	.....	.....	.....	2	6
Vinton	.....	.....	.....	.....	2	1
Warren	.....	.....	.....	.....	5	9
Washington	.....	.....	.....	.....	7	14
Wayne	.....	.....	.....	.....	6	11
Williams	.....	.....	.....	.....	1	1
Wood	.....	.....	.....	.....	10	4
Wyandot	.....	.....	.....	.....	2	5
Totals	4	4	4	1	507	522

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 3.—Respiratory organs.

1. Epistaxis (nose bleed).		2. Laryngitis.		3. Bronchitis.		4. Pleurisy.		5. Pneumonia.		6. Asthma.		7. Lung diseases, etc.		Total deaths, Order 3, Class 3.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
....	....	....	....	....	....	....	....	5	8	....	.....	13	16	18	24
....	....	1	....	2	....	....	....	1	2	....	.....	23	12	27	14
....	....	....	....	1	....	1	....	.....	1	1	1	4	3	7	5
....	....	....	....	....	....	....	....	2	2	1	1	10	9	13	12
....	....	....	....	....	....	....	2	2	1	....	.....	5	6	7	9
....	....	....	....	....	....	....	....	4	1	1	.....	8	4	13	5
....	....	....	....	....	....	....	....	2	5	1	2	8	2	11	9
....	....	....	....	....	....	....	....	15	20	....	.....	1	3	16	23
....	....	....	....	1	....	....	....	1	3	....	1	7	4	9	8
....	....	....	....	1	3	....	....	1	1	1	.....	10	15	13	19
....	....	1	....	8	5	1	....	35	21	2	.....	12	5	59	31
....	....	....	....	....	1	1	1	4	2	1	1	5	10	11	15
....	....	....	....	....	....	....	....	1	1	....	.....	.....	.....	1	1
....	....	....	....	....	2	1	....	4	8	....	1	26	17	31	28
....	....	....	....	....	....	....	....	.....	3	....	1	1	3	1	7
....	....	....	....	....	....	....	....	6	2	....	.....	1	1	7	3
....	....	....	....	1	1	....	1	1	.....	....	.....	17	9	19	11
....	....	....	....	....	....	....	....	2	2	....	.....	3	3	5	5
....	....	....	....	....	2	1	1	6	4	....	1	3	3	10	11
....	....	....	....	1	....	....	....	1	.....	....	.....	20	24	22	24
....	....	....	....	3	1	1	....	6	2	1	.....	4	3	15	6
....	....	....	....	....	1	....	....	7	1	....	1	3	.....	10	3
....	....	....	....	....	....	....	....	.....	.....	1	.....	14	11	15	11
....	....	....	....	....	2	....	....	4	4	....	1	9	15	13	22
....	....	....	....	....	1	1	....	5	4	....	....	8	9	14	14
....	....	....	....	....	....	....	....	1	.....	....	1	6	1	7	2
....	....	....	....	2	....	1	....	3	4	....	.....	8	13	14	17
....	....	....	....	....	2	....	....	2	3	1	1	10	10	13	16
....	....	....	....	1	....	....	....	1	3	14	16	.....	.....	16	19
....	....	1	2	1	3	3	....	2	1	....	1	18	17	25	24
....	....	1	....	....	1	....	....	13	10	1	.....	3	1	18	12
....	....	....	....	....	3	1	1	9	13	2	.....	20	19	32	36
....	....	....	....	1	....	2	....	.....	.....	1	1	31	18	35	19
....	....	....	1	....	2	....	....	26	22	1	.....	.....	1	27	26
....	....	....	....	....	....	1	....	.....	1	....	.....	23	11	24	12
....	....	....	....	....	....	....	....	.....	.....	....	.....	6	5	6	5
....	....	....	....	1	2	....	1	10	2	....	....	9	7	20	12
....	....	....	....	1	1	....	....	11	13	1	2	4	3	17	19
....	....	....	....	1	1	....	....	1	1	1	3	13	14	16	19
....	....	....	....	....	1	....	....	5	8	1	.....	.....	.....	6	9
....	....	....	....	1	1	1	....	9	1	....	1	11	15	22	18
....	....	....	....	1	1	2	1	4	1	....	.....	12	11	19	14
2	....	4	5	79	76	35	16	511	419	77	66	896	783	1604	1365

NOSOLOGICAL ARRANGEMENT, SHOWING THE N

Counties.	Class 3.—Local diseases.											
	Order 4.—Digestive organs.											
	1. Gastritis (inflammation of the stomach.)		2 Inflammation of the bowels.		3. Ascites (inflammation of the abdominal cavity.)		4 Ulceration of intestines		5. Hernia.		6. Internal strangulation of bow-	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	
Adams												
Allen	2	2	2	5		3						
Ashland	2		4	6								
Ashtabula			3	2					1		1	
Athens	1	1	1									
Auglaize			3	2								
Belmont	1	3	3	4								
Brown			1								1	
Butler												
Carroll		1	1	1								
Champaign	2	1					1				1	
Clarke		1	3	4								
Clermont	1	1	1	5								
Clinton	1	2		2								
Columbiana	1		4	5							2	
Coshocton		1	2	2							1	
Crawford												
Cuyahoga	5	3	9	11		1					3	
Darke		3	1	1								
Defiance			1	2				1				
Delaware			3	3								
Erie	1	1										
Fairfield		1		2								
Fayette	1		1									
Franklin			7	1							1	
Fulton	1		1	2								
Gallia		1	2	3								
Geauga	1	3	1	1								
Greene	2		3	3	1							
Guernsey		4	4	2								
Hamilton	4	7	24	20					1			
Hancock			1	4								
Hardin	1		1	2	1							
Harrison	1	1	2	2							1	
Henry			6	1								
Highland	3		4	1								
Hocking									2			
Holmes		1	1									
Huron			3	2							1	
Jackson	2	1										
Jefferson	7	5	5	2								
Knox	1		2	3		1			1			
Lake				1								
Lawrence		1	3	2								
Licking	2	4	4	2	3							1
Logan		1	3	1					1	1		
Lorain			1	5								

CAUSES OF DEATHS IN EACH COUNTY, ETC—Continued.

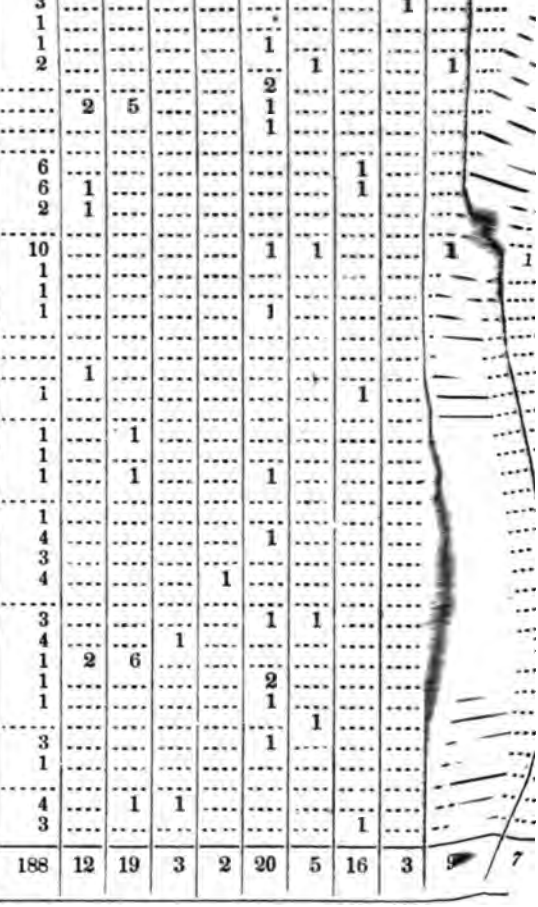
Class 3.—Local diseases.

Order 4.—Digestive organs.

8. Stomach diseases, etc.		9. Pancreatic diseases, etc.		10. Hepatitis.		11. Jaundice.		12 Liver diseases, etc.		13. Spleen diseases, etc.		Total deaths, Order, 4, Class 3.	
M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	1												1
						2	1	2	1			8	12
							1					6	7
2								2	2			9	4
	1								2	1		3	4
1						2	1		1			6	4
5	4					1						10	11
												2	
												1	2
										1		5	1
	1					3	1	1	1			7	8
	1					1			3			4	10
						2			1	1		4	5
3	2				1	2		3				15	8
						1		1				5	3
							1		10			5	11
						2		3	7	1	1	22	25
1					1	1		1	4		1	4	10
2							1	1	1			4	5
1	2							1				5	5
1	1											2	2
2								2				5	4
3						1	1	1				7	1
1						1			1			10	2
	1								1			2	4
								3	1			5	5
								2			1	4	5
				1								8	4
6								3				13	6
8	15			2			1	9	4			58	47
4	3				1		1	2		3	2	10	11
							1					3	3
								2	1			7	5
1							3					7	4
							1	3	2	1		11	4
						3						5	
									1			1	3
								1				5	2
3						1						6	1
1					1		1	1	2			15	11
1												5	4
1						1	1	1	1			3	3
1									3		1	4	6
3									3			12	10
				1		1			1			6	4
	3							2	5			3	13

NOSOLOGICAL ARRANGEMENT, SHOWING THE NUMBER AND

Counties.	Class 3.—Local diseases.													
	Order 4.—Digestive organs.													
	1. Gastritis (inflammation of the stomach.)		2. Inflammation of the bowels.		3. Ascites (inflammation of the abdominal cavity.)		4. Ulceration of intestines.		5. Hernia.		6. Internal strangulation of the bowels.		7. Fistula.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Lucas	1	....	5	3	....	....	....	....	....	....	....	1	....	....
Madison	....	....	3	1	....	....	....	....	....	....	....	....	....	....
Mahoning	....	....	6	1	....	....	....	....	1	....	....	....	....	....
Marion	....	1	.....	2	....	....	....	....	....	1	....	....	1	....
Medina	....	....	.....	.....	....	....	....	....	2	....	....	....	....	....
Meigs	....	....	.....	.....	2	5	....	....	1	....	....	....	....	....
Mercer	....	....	.....	.....	....	....	....	....	1	....	....	....	....	....
Miami	....	....	1	.....	....	....	....	....	....	....	....	....	....	....
Monroe	....	....	4	6	....	....	....	....	....	....	1	....	....	....
Montgomery	3	4	12	6	1	....	....	....	....	....	1	....	....	....
Morgan	....	1	1	2	1	....	....	....	....	....	....	....	....	....
Morrow	....	....	.....	.....	....	....	....	....	....	....	....	....	....	....
Muskingum	3	1	8	10	....	....	....	....	1	1	....	....	1	1
Noble	....	....	1	1	....	....	....	....	....	....	....	....	....	....
Ottawa	2	....	.....	1	....	....	....	....	....	....	....	....	....	....
Paulding	....	....	.....	1	....	....	....	....	1	....	....	....	....	....
Perry	....	....	1	.....	....	....	....	....	....	....	....	....	....	....
Pickaway	....	1	1	.....	....	....	....	....	....	....	....	....	....	....
Pike	....	....	.....	.....	1	....	....	....	....	....	....	....	....	....
Portage	....	....	1	1	....	....	....	....	....	....	1	....	....	....
Preble	....	....	.....	.....	....	....	....	....	....	....	....	....	....	....
Putnam	....	....	.....	1	....	1	....	....	....	....	....	....	....	....
Richland	....	1	4	1	....	....	....	....	....	....	....	....	....	....
Ross	....	1	.....	1	....	1	....	....	1	....	....	....	....	....
Sandusky	....	....	.....	.....	....	....	....	....	....	....	....	....	....	....
Scioto	....	....	4	1	....	....	....	....	....	....	....	....	....	....
Seneca	....	....	6	4	....	....	....	....	1	....	....	....	....	....
Shelby	....	....	1	3	....	....	....	....	....	....	....	....	....	....
Stark	1	....	11	4	....	....	....	1	....	....	....	....	....	....
Summit	3	4	.....	.....	....	....	....	....	....	....	....	....	....	....
Trumbull	2	1	5	3	....	....	....	....	1	1	....	....	....	....
Tuscarawas	....	....	6	4	....	....	1	....	....	....	....	....	....	....
Union	1	....	2	1	2	6	....	....	....	....	....	....	....	....
Van Wert	....	1	1	1	....	....	....	....	2	....	....	....	....	....
Vinton	1	....	2	1	....	....	....	....	1	....	....	....	....	....
Warren	2	....	.....	.....	....	....	....	....	....	1	....	....	....	....
Washington	....	3	7	3	....	....	....	....	1	....	....	....	....	....
Wayne	....	....	3	1	....	....	....	....	....	....	....	....	....	....
Williams	....	....	2	.....	....	....	....	....	....	....	....	....	....	....
Wood	1	1	4	4	....	1	1	....	....	....	....	....	....	....
Wyandot	1	1	.....	3	....	....	....	....	....	....	....	1	....	....
Totals	62	71	223	188	12	19	3	2	20	5	16	3	2	1



ES OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 4.—Local diseases.

Order 4.—Digestive organs.

...ases, etc.	8. Pancreatic diseases, etc.		10. Hepatitis.		11. Jaundice.		12. Liver diseases, etc.		13. Spleen diseases, etc.		Total deaths, Order 4, Class 3.	
F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	10	6
...	.....	.....	.....	.....	.....	1	1	.....	.....	.....	4	2
1	.....	.....	.....	.....	.....	.....	1	3	.....	.....	11	5
.....	.....	.....	.....	.....	2	1	1	2	1	.....	6	7
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	4	...
1	.....	.....	.....	1	.....	1	1	1	.....	.....	5	9
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	...
.....	.....	.....	.....	.....	2	.....	5	6	.....	.....	9	6
4	.....	.....	.....	.....	.....	.....	1	1	.....	.....	9	11
2	4	.....	2	.....	2	1	6	1	.....	.....	36	14
...	.....	.....	.....	.....	.....	.....	1	1	.....	.....	4	4
...	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	...	2
2	1	.....	.....	.....	.....	1	1	4	.....	.....	19	20
...	.....	.....	.....	.....	.....	1	1	.....	.....	.....	4	2
...	....	.....	.....	.....	.....	.....	2	2	.....	.....	4	3
...	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	2
...	.....	.....	.....	.....	1	1	.....	1	.....	.....	2	2
...	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	2
...	.....	.....	.....	.....	1	.....	.....	.....	1	1	3	1
...	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	3	4
...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	...
...	.....	.....	.....	.....	.....	1	1	.....	.....	.....	1	3
...	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	5	4
1	.....	.....	1	.....	1	1	2	2	.....	.....	3	6
...	.....	.....	.....	.....	1	.....	1	.....	.....	.....	6	1
1	1	3	.....	.....	.....	1	1	1	.....	.....	9	5
...	.....	.....	.....	.....	1	.....	1	.....	.....	.....	3	3
1	.....	.....	1	.....	.....	.....	1	1	.....	.....	16	5
...	.....	.....	.....	.....	.....	1	6	1	.....	.....	6	6
...	.....	.....	.....	.....	.....	1	4	2	.....	.....	14	8
...	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	11	7
1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	9	7
...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	3
...	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	6	1
1	.....	.....	1	.....	.....	.....	2	3	.....	.....	3	2
2	.....	.....	.....	.....	.....	.....	9	3	.....	.....	12	10
...	.....	.....	.....	.....	.....	.....	1	1	2	.....	12	6
...	.....	.....	.....	.....	.....	.....	2	3	.....	2	5	1
...	1	.....	.....	.....	.....	.....	.....	1	.....	.....	9	11
54	7	4	9	5	36	30	111	108	12	9	632	585

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 3.—Loc	
	Order 5.—Urin	
	1. Nephritis (inflammation of the kidneys).	
	M.	F.
Adams		
Allen		
Ashland	1	
Ashtabula		
Athens		
Auglaize		
Belmont		
Brown		
Butler		
Carroll	2	
Champaign		
Clarke		
Clermont		
Clinton	1	
Columbiana		1
Coshocton		
Crawford		
Cuyahoga	1	1
Darke		
Defiance		
Delaware		
Erie		
Fairfield		
Fayette		
Franklin		
Fulton		
Gallia	1	
Geauga		
Greene		
Guernsey		
Hamilton		
Hancock		
Hardin		
Harrison		
Henry		
Highland		
Hocking		
Holmes		
Huron		
Jackson		
Jefferson		
Knox		
Lake		
Lawrence		
Licking	1	1
Logan		
Lorain		

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 5.—Urinary organs.

3. Bright's disease.		4. Diabetes.		5. Calculus (stone, gravel, etc.).		6. Inflammation of the bladder		7. Kidney diseases.		Total deaths, Order 5, Class 3.	
M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.
		1		1				1		3	
									1		1
				1				1		5	
		2	1	2				2		6	1
									1		1
1		6						2	2	9	2
1	2					1				2	2
		2	1							2	1
1				3				1		7	
				1						1	
		1		1				1		3	
2		3								5	
		1				1			1	3	1
		3		1						4	1
			1				1		1		3
		3	2	1						4	2
	1	1		1		1		7	2	11	4
				3						3	
				1				1		2	
1								1		2	
		2								2	
1				1						2	
1			1	2		1		4		8	1
							1				1
		1				1		4	1	7	1
		1	1					2	1	3	2
				1						1	
							5		5		10
5	1	1	2	2		1		7	5	17	8
									3		3
				1						1	
								1		1	
			1			1		2	1	3	2
								1	1	1	1
1		1	1	2				1	1	4	2
										1	
				3				3		6	
		3	1	1					2	4	4
								2		2	
				1				1	1	2	1
1	2	1				1		1		5	3
		2								2	
		2							1	2	1

NOSOLOGICAL ARRANGEMENT, SHOWING THE NUMBER AN

Counties.	Class 3.—Local diseases.			
	Order 5.—Urinary organs.			
	1. Nephritis (inflammation of the kidneys.		2. Ischuria (difficult urination.	
	M.	F.	M.	F.
Lucas				
Madison				
Mahoning				
Marion				
Medina			2	
Meigs				
Mercer				
Miami				
Monroe	1			
Montgomery			1	
Morgan				
Morrow		1		
Muskingum				
Noble				
Ottawa				
Paulding				
Perry				
Pickaway				
Pike				
Portage				
Preble				
Putnam				
Richland				
Ross				
Sandusky			1	
Scioto				
Seneca				
Shelby				
Stark				
Summit				
Trumbull				
Tuscarawas				
Union				
Van Wert				
Vinton				
Warren				
Washington				
Wayne				
Williams				
Wood				
Wyandot			2	
Totals	8	4	7	1

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 5.—Urinary organs.

	3. Bright's disease.		4. Diabetes.		5. Calculus stone, gravel, etc.		6. Inflammation of the bladder.		7. Kidney disease.		Total deaths, Order 5, Class 3.	
	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
				2						3	
		1				1				2	
								1	1	2	1
								1		1	
								1		4	
				1						1	
		1						4		5	
		1								2	
		2	1	1		2		1		7	1
				1				1		3	
		1								1	1
	2	3	1	2				1		7	3
			1					2		2	1
				1						1	
		1								1	
								2	2	2	2
				2				1		3	
								1		1	
2	2	4				1		7		14	2
1				1				3		5	
				1						1	
1				1		1		3	1	6	1
		1		1					1	2	1
		1		1				2			
1		1						2		4	
	1	1		1				1	1	3	2
	1							6		6	1
		1		2				4		7	
								4	1	4	1
		1		1	2	1				3	2
		1								1	
		1	1	1						2	1
		1				1		2		4	
		1		1		1		2		5	
						1		2		3	
				2					1	2	1
		1				1		1	1	3	1
1		1								4	
26	12	63	16	53	2	18	7	101	39	278	91

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 3.—Local d			
	Order 6.—Generativ			
	1. Ovarian dropsy.		2. Diseases of the womb, etc.	
	M.	F.	M.	F.
Adams				
Allen		1		
Ashland				
Ashtabula				
Athens				
Auglaize				
Belmont				2
Brown				
Butler				
Carroll				
Champaign				
Clarke				
Clermont				
Clinton				
Columbiana				1
Coshocton				
Crawford				1
Cuyahoga		2		
Darke				1
Defiance				1
Delaware				
Erie				
Fairfield				
Fayette				
Franklin				
Fulton				1
Gallia		4		2
Geauga		1		
Greene				
Guernsey		3		
Hamilton				
Hancock				
Hardin		2		
Harrison				
Henry				
Highland		1		
Hocking				
Holmes				1
Huron				
Jackson		1		
Jefferson				
Knox				
Lake				
Lawrence				
Licking		1		
Logan				

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 7.—Organs of locomotion.						Order 8.—Integumentary system.							
1. Inflammation of the joints.		2. Joint diseases, etc.		Total deaths, Order 7, Class 3		1. Phlegmon (carbuncle, etc.)		2 Ulcer.		3. Skin diseases, etc.		Total deaths, Order 8, Class 3.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
							1						1
								1	1			1	1
								1	3			1	3
		1		1									
		1	1								1		1
								2				2	
								1	1			1	1
									1				1
			1		1			2				2	
		6		6			1			1		1	1
									1				1
		1		1		1	2	1				2	2
									2				2
							1						1
1	1	4	1	5	2								
		1		1			1						1
		1		1				2		1		2	
							1						1
1				1		1						1	
	1				1								
								1			2	1	2

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 3.—Local d			
	Order 6.—Generativ			
	1. Ovarian dropsy.		2. Diseases of the womb, etc.	
	M.	F.	M.	F.
Lorain				
Lucas				
Madison				
Mahoning				1
Marion				
Medina				2
Meigs				
Mercer				
Miami		2		
Monroe				
Montgomery				
Morgan				1
Morrow				
Muskingum				
Noble				
Ottawa		1		
Paulding				
Perry		1		
Pickaway				
Pike				1
Portage				
Preble				1
Putnam				
Richland				1
Ross		1		1
Sandusky		2		2
Scioto				
Seneca				1
Shelby				
Stark				
Summit		1		
Trumbull				1
Tuscarawas				
Union				1
Van Wert				
Vinton				
Warren				
Washington				1
Wayne				
Williams				
Wood		5		2
Wyandot				
Totals		29		26

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 3.—Local diseases.

Order 7.—Organs of locomotion.						Order 8.—Integumentary system.							
1. Inflammation of the joints.		2. Joint diseases, etc.		Total deaths, Order 7, Class 3.		1. Phlegmon (carbuncle, etc.)		2. Ulcer.		3. Skin diseases, etc.		Total deaths, Order 8, Class 3.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1	1	1	1	2	2								
	1				1				1	1		1	1
		1	1										
		1		1				1	2			1	2
										1		1	
						1						1	
								2				2	
		1		1						1		1	
		2		2				1	1			1	1
									2				2
										1	2	1	2
									1				1
						1	2			1		2	2
										1		1	
1		1		2									
											1		1
										1	1	1	1
			1		1				1				1
										3		3	
	1	2	1	2	2								
4	5	24	5	28	10	4	9	15	17	12	7	31	33

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 4.—Developmental diseases.										
	Order 1.—Developmental diseases of chil										
	1. Still-born.		2. Infantile, premature, etc.		3. Cyanosis.		4. Spinabifidia.		5. Other malformations.		6. Teething
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.
Adams	----	1	----	----	----	----	----	----	----	----	----
Allen	3	1	----	----	----	----	----	1	----	----	1
Ashland	----	----	1	----	----	----	----	----	----	----	----
Ashtabula	----	----	----	----	----	----	----	----	----	----	----
Athens	5	2	----	----	----	----	----	----	----	----	----
Auglaize	2	4	----	----	----	----	----	----	----	----	----
Belmont	4	1	7	2	----	----	----	----	6	6	1
Brown	5	1	----	1	----	----	----	----	----	----	----
Butler	----	----	----	----	----	----	----	----	----	----	----
Carroll	5	2	3	----	----	----	----	----	----	----	----
Champaign	2	----	----	----	----	----	----	----	----	----	----
Clarke	2	3	----	----	----	----	----	----	----	----	----
Clermont	11	3	----	----	----	----	----	----	----	----	----
Clinton	5	1	----	----	----	----	----	----	----	----	----
Columbiana	3	3	1	----	----	----	----	----	----	----	----
Coshocton	----	----	----	----	----	----	----	----	----	----	----
Crawford	3	----	----	----	----	----	----	----	----	----	1
Cuyahoga	3	----	3	2	2	----	1	----	3	----	8
Darke	15	14	----	----	----	----	----	----	----	----	----
Defiance	4	----	8	----	----	----	----	----	----	----	----
Delaware	----	----	----	----	----	----	----	----	----	----	----
Erie	----	----	----	----	----	----	----	2	----	----	----
Fairfield	1	----	----	----	----	----	----	----	----	----	----
Fayette	----	2	----	----	----	----	----	1	----	----	----
Franklin	2	----	18	14	----	----	2	1	----	----	----
Fulton	3	2	3	2	----	----	----	----	----	----	----
Gallia	4	2	3	----	----	----	----	----	----	----	2
Geauga	----	----	----	----	----	----	----	----	----	----	----
Greene	2	----	5	----	----	----	2	----	----	----	----
Guernsey	----	----	----	----	----	----	----	----	----	----	----
Hamilton	41	49	16	23	----	----	----	2	----	----	6
Hancock	2	2	----	----	----	----	----	----	----	----	----
Hardin	4	1	----	----	----	----	----	----	----	----	----
Harrison	1	1	----	----	----	----	----	----	----	----	----
Henry	----	1	----	----	----	----	1	----	3	----	----
Highland	4	2	----	----	----	----	----	----	----	----	----
Hocking	1	----	----		----	----	----	----	----	----	----
Holmes	1	1	----	1	----	----	----	----	----	----	1
Huron	1	----	----	----	----	----	1	----	----	----	1
Jackson	10	3	----	----	----	----	----	----	----	----	1
Jefferson	4	1	----	----	----	----	----	----	1	----	----
Knox	*	----	----	----	----	----	----	----	----	----	----
Lake	2	----	----	----	----	----	----	----	----	----	----
Lawrence	2	2	12	12	----	----	----	----	----	----	1
Licking	6	1	1	2	----	----	2	1	----	----	----
Logan	1	2	----	----	----	----	----	----	----	----	----

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 4.—Developmental diseases.

Order 2.—Developmental diseases of adults.				Order 3.—Developmental diseases of old people.		Order 4.—Developmental diseases of nutritio	
1. Pneumonia (menstrual disease)	2. Childbirth.	Total deaths, Order 2, Class 4.		Old age.—Total deaths, Order 3, Class 4.		Atrophy and debility.—Total deaths, Order 4, Class 4.	
F.	M.	F.	M.	F.	M.	F.	M.	F.
		2		2	6	7		
		6		6	8	8		
		3		3	11	10	1	
		3		3	13	19		3
		1		1	8	7		
					9	9		
		2		2	11	10		1
		2		2	12	8		
		1		1	7	11		
					5	4		1
		1		1	7		1	
		5		5	5	5	4	2
3		1		4	22	24		
		2		2	2	6		
		3		3	8	15		
		1		1	5	3		1
		1		1	13	12		
		8		8	35	39		3
		5		5	7	11		
		1		1	6	6		1
		3		3	7	8	1	1
		1		1	9	7		
		3		3	13	8	1	
		2		2			3	2
4		6		10	4	10	1	
1		3		4	8	2		
					5	7		
		1		1	5	13		
		1		1	6	7	2	1
					5	3		
		9		9	31	50	2	9
		3		3	4	5		
		9		9	8	8		
					8	5		
		1		1	3	7		2
1				1	3	1	9	7
		2		2	7	3		
						1		1
1		2		3	13	18	1	1
1		1		2	5	5		
					10	6	4	5
					4	6		
		2		2	7	6		
		1		1	7	5		
		3		3	11	15	3	1
2		2		4	4	7		2

NOSOLOGICAL ARRANGEMENT, SHOWING THE

Counties.	Class 4.—Developmental diseases.											
	Order 1.—Developmental diseases of chil											
	1. Still-born.		2. Infantile, premature, etc.		3. Cyanosis.		4. Spinabifidia.		5. Other malformations.		6. Tetan	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	
Lorain	4	3	----	----	----	----	----	----	----	----	----	
Lucas	1	1	2	----	----	----	----	----	1	4	1	
Madison	----	1	----	----	----	----	----	----	----	----	----	
Mahoning	----	----	----	1	----	----	----	----	----	----	----	
Marion	5	3	----	----	----	----	----	----	----	----	----	
Medina	1	----	----	----	----	----	----	----	----	----	----	
Meigs	7	9	----	----	----	----	----	----	----	----	1	
Mercer	----	1	----	----	----	----	----	----	----	----	2	
Miami	2	1	----	----	----	----	----	----	----	1	2	
Monroe	4	2	----	----	----	----	----	----	----	----	1	
Montgomery	26	15	6	3	----	1	----	----	----	----	----	
Morgan	----	3	----	----	----	----	----	----	----	----	----	
Morrow	1	1	----	----	----	----	----	----	----	----	----	
Muskingum	3	1	----	1	----	----	----	----	----	----	----	
Noble	1	----	----	----	----	----	----	1	13	9	----	
Ottawa	----	----	----	----	----	----	----	----	----	----	----	
Paulding	5	4	1	----	----	----	----	----	----	----	----	
Perry	----	1	----	----	----	----	----	----	----	----	----	
Pickaway	2	----	----	----	----	----	1	----	----	----	1	
Pike	----	1	----	----	----	----	----	----	----	----	1	
Portage	2	----	----	----	----	----	----	----	----	----	1	
Preble	2	----	----	1	----	----	----	----	----	----	----	
Putnam	----	----	----	----	----	----	----	----	----	----	----	
Richland	4	----	2	----	----	----	----	----	----	----	----	
Ross	5	1	4	----	----	----	2	----	----	----	----	
Sandusky	2	----	1	----	----	----	----	----	----	----	----	
Scioto	5	6	----	----	----	----	----	----	----	----	----	
Seneca	----	----	2	3	----	----	----	----	----	----	----	
Shelby	4	8	----	----	----	----	----	----	----	----	----	
Stark	7	5	2	1	----	----	----	----	----	----	----	
Summit	----	----	----	----	----	----	----	----	----	----	----	
Trumbull	----	----	----	----	----	----	----	----	----	----	----	
Tuscarawas	----	5	----	----	----	----	1	1	----	----	----	
Union	2	----	1	1	----	----	----	----	----	----	----	
Van Wert	6	6	----	----	----	1	3	2	----	----	----	
Vinton	----	----	----	----	----	----	----	----	----	----	----	
Warren	4	2	1	----	----	----	----	----	----	----	----	
Washington	6	4	12	8	----	----	----	----	3	----	----	
Wayne	----	----	----	----	----	----	----	----	----	----	----	
Williams	1	1	----	----	----	----	----	----	----	----	----	
Wood	1	1	----	1	----	----	----	----	----	----	----	
Wyandot	3	3	1	1	----	----	----	----	----	----	----	
Totals	280	197	106	80	2	2	16	12	30	20	33	

* 8, sex unknown.

CAUSES OF DEATHS IN EACH COUNTY, ETC.—Continued.

Class 4 —Developmental diseases.

Order 2.—Developmental diseases of adults.				Order 3.—Developmental diseases of old people.				Order 4.—Developmental diseases of nutrition.	
1. Paramenia (menstrual disease).		2. Child-birth.		Total deaths, Order 2, Class 4.		Old age.—Total deaths, Order 3, Class 4.		Atrophy and debility.—Total deaths, Order 4, Class 4.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
.....	.....	.....	5	.....	5	9	21	.....	.....
.....	1	.....	3	.....	4	20	22	.....	.....
.....	.....	.....	2	.....	2	6	4	1	.....
.....	.....	.....	.....	.....	.....	8	3	.....	1
.....	.....	.....	.....	5	5	4	7	.....	.....
.....	.....	.....	2	.....	2	15	12	.....	.....
.....	.....	.....	.....	.....	.....	9	7	.....	.....
.....	.....	.....	2	.....	2	14	7	.....	.....
.....	.....	.....	.....	.....	.....	4	8	1	.....
.....	.....	.....	.....	.....	.....	13	11	1	.....
.....	4	.....	4	.....	8	54	27	32	19
.....	.....	.....	1	.....	1	11	11	.....	.....
.....	.....	.....	1	.....	1	10	9	5	1
.....	.....	.....	5	.....	5	6	8	3	4
.....	.....	.....	.....	.....	.....	4	6	.....	.....
.....	.....	.....	2	.....	2	7	2	.....	.....
.....	.....	.....	2	.....	2	2	.....	.....	.....
.....	.....	.....	.....	.....	.....	8	11	.....	.....
.....	.....	.....	3	.....	3	7	5	1	.....
.....	.....	.....	1	.....	1	1	8	.....	2
.....	.....	.....	2	.....	2	15	14	3	1
.....	.....	.....	3	.....	3	6	4	.....	.....
.....	.....	.....	6	.....	6	.....	4	.....	.....
.....	.....	.....	3	.....	3	9	19	.....	2
.....	1	.....	1	.....	2	17	7	.....	.....
.....	2	.....	2	.....	4	6	7	.....	.....
.....	.....	.....	2	.....	2	4	3	.....	.....
.....	.....	.....	5	.....	5	7	13	.....	.....
.....	.....	.....	10	.....	10	4	8	.....	.....
.....	.....	.....	2	.....	2	9	9	1	.....
.....	.....	.....	2	.....	2	7	11	1	1
.....	.....	.....	6	.....	6	14	9	1	3
.....	.....	.....	3	.....	3	7	4	4	8
.....	.....	.....	1	.....	1	3	3	.....	.....
.....	.....	.....	1	.....	1	9	3	.....	.....
.....	.....	.....	.....	.....	.....	6	7	.....	.....
.....	.....	.....	1	.....	1	19	8	.....	.....
.....	.....	.....	3	.....	3	17	15	.....	.....
.....	.....	.....	2	.....	2	5	9	2	.....
.....	2	.....	2	.....	4	3	8	.....	.....
.....	.....	.....	1	.....	1	16	7	.....	.....
.....	.....	.....	4	.....	4	4	5	.....	.....
.....	23	.....	203	.....	226	786	793	89	86

NOSOLOGICAL ARRANGEMENT, SHOWING THE N

Counties.	Class 5.—Violent deaths.										
	Order 1.—Accident or negligence.										
	1. Fractures and contusions.		2. Burns and scalds.		3. Poison.		4 Drowning (and lost at sea.)		5. Suffocation and strangulation.		6. Otherwise.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.
Adams	----	----	----	----	----	----	----	----	----	----	1
Allen	----	----	2	----	----	----	----	----	----	2	9
Ashland	----	----	----	----	----	----	----	----	1	----	8
Ashtabula	2	1	----	----	----	----	1	1	----	----	5
Athens	----	----	1	2	----	1	----	----	----	----	----
Auglaize	----	----	----	----	----	----	----	----	----	----	5
Belmont	----	----	3	4	----	----	3	----	----	----	10
Brown	----	----	2	----	1	----	1	----	----	----	----
Butler	----	----	1	1	----	----	1	----	----	----	5
Carroll	----	----	1	----	----	1	----	----	----	----	2
Champaign	----	----	----	1	1	----	----	----	----	----	4
Clarke	1	2	----	----	----	----	1	----	1	2	----
Clermont	4	----	----	----	----	----	----	----	----	1	----
Clinton	1	1	----	----	----	----	2	----	----	----	1
Columbiana	----	----	4	----	----	----	1	1	----	----	3
Coshocton	----	----	----	1	----	----	1	----	----	1	----
Crawford	----	----	----	2	----	----	----	----	----	----	4
Cuyahoga	18	5	1	1	1	----	14	2	2	1	1
Darke	----	----	1	----	----	----	----	----	3	----	1
Defiance	----	----	----	1	----	----	----	----	----	----	2
Delaware	----	----	----	----	----	----	----	----	----	----	2
Erie	----	----	----	----	1	----	1	----	----	----	1
Fairfield	1	----	----	1	----		----	----	----	----	1
Fayette	----	----	----	----	----	2	----	----	----	----	2
Franklin	7	1	5	2	----	----	2	----	----	----	5
Fulton	----	----	----	----	----	----	1	----	----	----	----
Gallia	1	----	3	2	----	----	2	----	----	----	----
Geauga	----	----	----	----	----	----	3	----	----	----	1
Greene	3	1	----	2	----	----	1	----	----	----	----
Guernsey	----	----	----	----	----	----	1	----	----	----	----
Hamilton	32	5	8	1	1	1	13	2	2	4	77
Hancock	----	----	----	2	----	1	----	1	2	2	----
Hardin	----	----	----	----	----	----	1	----	----	----	----
Harrison	----	1	----	----	----	----	----	----	----	----	----
Henry	----	----	1	1	----	----	----	----	----	----	2
Highland	1	----	1	2	----	----	1	----	1	----	3
Hocking	----	----	----	----	----	----	----	----	2	----	1
Holmes	----	----	----	----	----	----	1	----	----	2	1
Huron	5	2	1	----	----	----	1	----	1	----	2
Jackson	----	----	1	3	----	----	----	----	----	----	2
Jefferson	----	----	5	1	----	----	1	----	----	----	8
Knox	----	----	----	1	----	----	----	----	----	----	3
Lake	----	1	----	----	----	----	----	----	----	----	----
Lawrence	1	----	3	2	1	----	1	----	----	1	3
Licking	1	1	----	3	1	----	2	----	----	----	4
Logan	----	----	----	----	----	----	----	----	----	----	6

OF DEATHS IN EACH COUNTY, ETC—Continued.

Class 5.—Violent deaths.

Order 3.		Order 4.		Order 5.		Order 6.		Order 7.			
Homicide.		Suicide.		Execution.		All other violent deaths.		Sudden deaths and causes unknown.		Total deaths, Orders 2, 3, 4, 5, 6, and 7, Class 5.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
.....	.....	.....	.....	.....	.....	.....	.....	39	43	39	43
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	..
.....	.....	1	.....	.....	.....	.....	1	11	11	12	12
.....	.....	1	.....	.....	.....	.....	1	13	17	14	18
.....	.....	.....	.....	.....	.....	.....	.....	11	7	11	7
.....	.....	2	.....	.....	.....	.....	1	49	44	51	45
.....	.....	1	.....	.....	.....	2	1	20	19	23	20
.....	.....	2	.....	.....	.....	.....	.....	4	.....	6	..
.....	1	2	.....	.....	.....	.....	.....	62	54	64	55
.....	.....	.....	.....	.....	.....	.....	.....	7	6	7	6
.....	.....	.....	.....	.....	.....	.....	.....	45	24	45	24
.....	.....	1	.....	.....	.....	.....	.....	14	11	15	11
.....	.....	.....	.....	.....	.....	.....	.....	4	6	4	6
1	.....	6	.....	.....	.....	.....	.....	9	9	16	9
1	.....	1	1	.....	.....	.....	.....	30	21	32	22
.....	.....	.....	.....	.....	.....	1	.....	17	16	18	16
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	..
1	.....	2	3	.....	.....	7	.....	61	36	71	39
.....	.....	.....	.....	.....	.....	2	.....	14	20	16	20
.....	.....	.....	.....	.....	.....	1	.....	28	30	29	30
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
.....	.....	.....	.....	.....	.....	.....	.....	12	2	12	2
.....	.....	.....	1	.....	.....	.....	.....	9	8	9	9
.....	.....	1	.....	.....	.....	.....	.....	18	29	19	29
1	.....	.....	.....	.....	.....	.....	1	24	19	25	20
.....	.....	1	.....	1	.....	.....	1	6	4	8	5
.....	.....	1	.....	.....	.....	2	.....	2	5	5	5
.....	1	2	.....	.....	.....	.....	.....	5	5	7	6
.....	.....	.....	.....	.....	.....	.....	.....	18	8	18	8
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
11	2	.....	.....	.....	.....	10	5	3	3	25	10
.....	.....	.....	.....	1	.....	.....	.....	23	32	24	32
.....	.....	3	.....	.....	.....	4	.....	35	25	42	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	..
.....	.....	.....	.....	.....	.....	3	.....	.....	.....	3	..
.....	.....	3	.....	.....	.....	.....	.....	12	9	15	9
.....	.....	.....	.....	.....	.....	.....	.....	10	6	10	6
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	3
.....	.....	2	.....	.....	.....	.....	.....	5	4	7	4
.....	.....	1	.....	.....	.....	.....	.....	13	15	14	15
.....	.....	.....	.....	.....	.....	.....	.....	1	3	1	3
.....	.....	.....	1	.....	.....	.....	.....	21	16	21	17
.....	.....	.....	1	.....	.....	2	1	2	2	4	4
2	.....	.....	.....	.....	.....	.....	.....	2	1	4	1
.....	.....	1	1	.....	.....	1	.....	11	11	13	1
.....	.....	.....	.....	.....	.....	1	.....	9	14	10	12

NOSOLOGICAL ARRANGEMENT, SHOWING THE N

Counties.	Class 5.—Violent deaths.											
	Order 1.—Accident or negligence.											
	1. Fractures and contusions.		2. Burns and scalds.		3. Poison.		4. Drowning (and lost at sea.)		5. Suffocation and strangulation.		6. Otherwise.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	
Lorain			1			1				1	7	
Lucas	3		1	1			8				2	
Madison											1	
Mahoning			1	1		1	1				9	
Marion	1		1	1	2	2	1		1		7	
Medina	2					1					2	
Meigs	6		1	4		1	1					
Mercer	1								1			
Miami			2				1				4	
Monroe			1	1							4	
Montgomery	17	3	5	3			3		4	1	4	
Morgan	1										1	
Morrow												
Muskingum			1	1	1				1	1	3	
Noble											1	
Ottawa	1			1			1	1				
Paulding				1			1				1	
Perry				1			2		2		4	
Pickaway			2	3							2	
Pike							1	1			2	
Portage	2						2		1		2	
Preble				2				1			4	
Putnam							5					
Richland											1	
Ross	1		2				1	1	1		7	
Sandusky												
Scioto												
Seneca			1	1							6	
Shelby										1	3	
Stark	1		4	3	2	1	5				10	
Summit				1		1					2	
Trumbull	2	1	1	1			5				9	
Tuscarawas			1	2			2					
Union				1							6	
Van Wert	1		1			1	3					1
Vinton				3				1			7	
Warren		1		1	1		1					1
Washington	11	1	2	4	3	1	3		1		1	2
Wayne	3	1										1
Williams						1		1				
Wood	2		3	3	1	1	1	1	1	1	1	
Wyandot										2	4	
Totals	133	28	74	76	16	17	105	14	28	23	300	112

F DEATHS IN EACH COUNTY, ETC.—Continued.

Class 5.—Violent deaths.

Order 3.		Order 4.		Order 5.		Order 6.		Order 7.		Total deaths, Orders 2, 3, 4, 5, 6, and 7, Class 5.	
Homicide.		Suicide.		Execution.		All other violent deaths.		Sudden deaths and causes unknown.			
M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.
.....	.....	2	.....	.....	.....	.....	.....	2	.....	4	.....
.....	.....	2	2	.....	.....	.....	.....	42	25	44	27
.....	.....	.....	.....	.....	.....	1	.....	13	10	14	10
.....	.....	.....	.....	.....	.....	.....	.....	10	13	10	13
1	.....	.....	1	.....	.....	3	.....	.....	.....	4	1
.....	.....	.....	.....	.....	.....	.....	.....	5	6	6	6
.....	.....	.....	.....	.....	.....	.....	.....	8	6	8	6
.....	.....	.....	.....	.....	.....	4	.....	41	37	45	37
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	13	7	13	7
3	.....	7	.....	.....	.....	2	.....	29	12	41	12
.....	.....	.....	1	.....	.....	.....	.....	7	9	7	10
.....	.....	.....	.....	.....	.....	.....	.....	11	18	11	18
1	.....	2	.....	.....	.....	5	2	11	15	19	17
1	.....	1	.....	.....	.....	.....	.....	2	3	5	3
.....	.....	.....	.....	.....	.....	1	.....	18	9	19	9
.....	.....	1	.....	.....	.....	.....	.....	29	19	30	19
2	.....	.....	.....	.....	.....	.....	.....	25	23	27	23
.....	.....	.....	.....	.....	.....	.....	.....	45	29	45	29
.....	.....	.....	.....	.....	.....	1	.....	18	14	19	14
.....	.....	.....	2	.....	.....	.....	.....	1	1	1	3
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	3	.....
.....	1	.....	1	.....	.....	5	.....	32	21	37	23
.....	.....	.....	.....	1	.....	.....	.....	.....	2	1	2
.....	.....	.....	1	.....	.....	.....	.....	28	14	28	15
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2	.....
.....	.....	1	.....	.....	.....	7	.....	26	31	34	31
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	2	.....	.....	.....	.....	.....	33	17	35	17
.....	.....	2	1	.....	.....	4	2	31	27	37	30
1	.....	5	.....	.....	.....	2	.....	10	17	18	17
.....	.....	2	.....	.....	.....	.....	.....	1	4	3	4
.....	.....	2	.....	.....	.....	7	.....	.....	.....	9	.....
.....	.....	1	.....	1	.....	.....	.....	19	14	21	14
.....	.....	.....	.....	.....	.....	.....	.....	15	19	15	19
.....	.....	1	1	.....	.....	.....	.....	7	18	8	19
1	.....	2	.....	.....	.....	3	1	12	19	18	20
.....	.....	2	.....	.....	.....	1	.....	3	13	6	13
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	1	.....	17	8	20	8
.....	.....	1	.....	.....	.....	.....	.....	2	1	3	1
.....	.....	1	.....	.....	.....	.....	.....	5	4	6	4
27	5	81	15	4	.....	83	17	1250	1083	1448	1123

TABLE SHOWING THE NUMBER OF INQUESTS HELD IN OHIO

Counties.	Number of inquests tices of the peace ending June 30, 18		
	Homicide.	Suicide.	Killed by accident.
Adams	1	.....	1
Allen	.....	.....	2
Ashland	.....	1	.....
Ashtabula	1	.....	1
Athens	.....	.....	2
Auglaize	.....	4	3
Belmont	.....	.....	.....
Brown	.....	1	.....
Butler	.....	4	1
Carroll	.....	.....	.....
Champaign	.....	.....	.....
Clarke	.....	.....	.....
Clermont	.....	.....	.....
Clinton	2	.....	.....
Columbiana	.....	.....	.....
Coshocton	.....	.....	.....
Crawford	.....	4	6
Cuyahoga	.....	.....	.....
Darke	.....	1	1
Defiance	.....	.....	1
Delaware	.....	.....	2
Erie	1	2	1
Fairfield	.....	1	4
Fayette	.....	1	.....
Franklin	2	6	20
Fulton	.....	.....	.....
Gallia	1	2	3
Geauga	.....	.....	.....
Greene	.....	.....	.....
Guernsey	.....	1	.....
Hamilton	12	36	55
Hancock	.....	.....	.....
Hardin	.....	.....	3
Harrison	2	.....	.....
Henry	.....	.....	1
Highland	3	1	.....
Hocking	.....	.....	.....
Holmes	.....	3	.....
Huron	.....	.....	.....
Jackson	.....	.....	.....
Jefferson	.....	1	12
Knox	.....	.....	1
Lake	.....	.....	1
Lawrence	.....	.....	.....
Licking	.....	4	2
Logan	.....	1	1
Lorain	.....	3	4
Lucas	6	11	21
Madison	.....	.....	.....

AND JUSTICES OF THE PEACE FOR THE YEAR ENDING JUNE 30, 1879.

Number of inquests held by coroners for the year ending June 30, 1879.

Homicide.	Suicide.	Killed by accident.	Other sudden deaths, and deaths from unknown causes.	Males.	Females.	Number foreign born.	Number native born.	Nativity unknown.	Total.	Superinduced by intemperance.
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	6	1	6	1	4	3	.....	7	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	2	4	8	.....	2	3	3	8	1
.....	1	3	.....	4	.....	1	3	.....	4	2
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	7	.....	9	.....	2	7	.....	9	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	1	.....	1	.....	.....	1	1
.....	1	2	3	5	1	2	4	.....	6	2
1	.....	.....	1	2	.....	.....	1	1	2	.....
2	1	.....	1	2	2	3	1	.....	4	.....
1	1	3	.....	5	.....	2	3	.....	5	2
1	.....	.....	.....	1	.....	.....	1	.....	1	.....
.....	3	1	.....	4	.....	.....	4	.....	4	.....
5	17	57	1	66	14	36	43	1	80	.....
1	.....	1	.....	2	.....	2	.....	.....	2	1
.....	.....	1	.....	1	.....	.....	1	.....	1	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	6	13	1	20	2	17	.....	5	22	2
3	1	1	1	4	2	3	3	.....	6	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	6	20	14	34	8	30	6	6	42	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	2	4	3	9	.....	.....	9	.....	9	3
1	2	4	.....	6	1	.....	6	1	7	.....
.....	1	.....	.....	1	.....	.....	1	.....	1	.....
1	.....	4	.....	5	.....	.....	.....	5	5	1
10	35	48	137	194	32	88	119	24	230	7
1	1	1	.....	3	.....	1	2	.....	3	.....
.....	4	3	2	7	2	5	4	.....	9	3
.....	.....	1	1	2	.....	.....	2	.....	2	.....
1	.....	.....	.....	1	.....	.....	1	.....	1	.....
1	1	.....	.....	2	.....	.....	.....	2	2	.....
.....	.....	7	.....	5	2	.....	7	.....	7	.....
.....	.....	.....	1	1	.....	.....	1	.....	1	.....
.....	1	.....	.....	1	.....	.....	1	.....	1	1
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	4	16	5	16	11	2	1	21	27	2
.....	.....	1	2	3	.....	1	2	.....	3	.....
1	1	1	.....	1	2	.....	3	.....	3	.....
1	1	4	.....	5	1	1	5	.....	6	1
.....	4	.....	.....	2	2	.....	4	.....	4	1
1	.....	1	.....	.....	2	.....	2	.....	2	2
1	2	15	2	19	1	4	15	1	20	3
6	11	21	15	37	16	24	30	.....	53	20
.....	.....	.....	3	3	.....	2	1	.....	3	.....

TABLE SHOWING THE NUMBER OF INQUESTS HELD IN OHIO BY C

Counties.	Number of inquests tices of the peace ending June 30, 187		
	Homicide.	Suicide.	Killed by accident.
Mahoning	2	6	8
Marion	1	.....	.....
Medina	.....	.....	1
Meigs	.....	1	.....
Mercer	.....	.....	.....
Miami	.....	.....	.....
Monroe	.....	2	1
Montgomery	1	3	5
Morgan	1	.....	.....
Morrow	.....	.....	.....
Muskingum	.....	1	.....
Noble	1	1	1
Ottawa	.....	1	.....
Paulding	.....	.....	.....
Perry	2	3	5
Pickaway	.....	.....	.....
Pike	.....	.....	.....
Portage	.....	.....	2
Preble	1	.....	.....
Putnam	.....	1	1
Richland	.....	1	4
Ross	.....	2	2
Sandusky	.....	.....	1
Scioto	1	2	7
Seneca	.....	.....	.....
Shelby	.....	.....	.....
Stark	.....	.....	.....
Summit	1	2	2
Trumbull	.....	3	1
Tuscarawas	2	1	6
Union	.....	.....	1
Van Wert	.....	1	2
Vinton	1	2	1
Warren	1	.....	1
Washington	.....	.....	.....
Wayne	.....	1	1
Williams	1	1	.....
Wood	1	2	.....
Wyandot	1	1	5
Totals	49	126	207

JUSTICES OF THE PEACE FOR THE YEAR ENDING JUNE 30, 1879—Continued.

Number of inquests held by coroners for the year ending June 30, 1879.

Homicide.	Suicide.	Killed by accident.	Other sudden deaths, and deaths from unknown causes	Males.	Females.	Number foreign born.	Number native born.	Nativity unknown.	Total..	Superinduced by intemperance
			1	1					1	
1	2	1		3	1				4	
1	2	2	2	5	2	2	2		7	1
	1			1			1		1	1
1	1	2	1	3	2	1	4		5	
1		1		2			2		2	
	2	1	8	9	2	6	4	1	11	6
1					1				1	
	1			1			1		1	1
		8		8				8	8	2
2	3	5	1	11		4	3	4	11	4
		2	2	2	2	1	3		4	2
		1	1		2		2		2	
		1		1				1	1	
	2		2	4		1	3		4	
		1		1		1			1	1
		3		3		1		2	3	1
	3			2	1				3	
2	2	3		7		4	3		7	3
	3	6	1	9	1	1	9		10	
	1		1	2		1	1		2	1
	2	1		2	1	2	1		3	
	4	6	1	10	1	5	6		11	3
1	1	2		3	1			4	4	3
1	1	4	1	6	1	4	3		7	3
	1		2	3		2		1	3	1
1				1		1			1	1
		2		2			2		2	1
	1	1	1	2	1	1	2		3	
1		1	1	3				3	3	
	2		2	4		2	2		4	
	1			1			1		1	
		1		1			1		1	1
1	1	1		2	1	1	2		3	
1	2	2	3	7	1	1	7		8	3
60	150	307	229	623	123	275	364	94	747	100

VITAL STATISTICS.

BY D N. KINSMAN, A.M. M D

[Prepared for the Annual Report of the Secretary of State.]

The following brief study of the statistics of Ohio has beer the table deduced from the data, reported to the department c tary of State from the several counties for 1879. The last dec sus was taken in 1870. The increase of population in Ohio has b to render that enumeration worthless for comparison at this ti we have thought best to make an estimate by counties. For th we have the total vote of 1879, which was the largest ever ca enumeration of all males over 21 years in the State for the The first thing which will attract the attention of the reader want of relation in the estimates. Some counties show a larg of voters than their enumeration of males over twenty-one y others do the reverse.

By trial we have found that using the total number of mal years of age and 4.5, as factors that the product very closely apj the entire population.

The total vote of 1879 was 670,711, which, multiplied by 4.5 g duct of 2,018,199 which is one estimate.

The enumeration of 1879, made through the auditors of the se ties and returned to the Auditor of State, gives as one factor 72 4.5 used as the other gives a product of 3,269,610, which is th of the population we have used to establish our ratio in this t shows what a capricous being the Ohio voter is, which is more during the "off years." Fifty-five thousand eight hundred and males, sick, non-naturalized or indifferent, according to our re sent a population of 251,300. This I think is too high, and I census of 1880 will show it, and that the population of Ohio between the two estimates given above.

That Ohio should increase in population in this decade at rate she did during the last, is not to be expected. To be sure on her vitality by the war was large, but her society has bec

its habits of progress. No large number of emigrants come to her territory to live, and those that do are artisans and find their home in our cities and mining districts, while the rural districts remain in statu quo, even lose their population.

In Ohio lands are high, and many of the young men and women go further west to find themselves homes.

In this way the increase of population is kept down. In this respect Ohio has come to the same social state as the older eastern states, and from year to year this condition of affairs will become more marked.

The progress of population is westward where the younger states are opening up fields which are attractive to all who are ambitious for success, either in agriculture, mining or the trades.

This has been the course of population in all the states as they passed through their eras of agriculture, navigation and manufacturing, and to expect aught else in Ohio would be to expect the laws of social life to be reversed.

Counties.	Estimate of population, multiplying vote of 1879 by 4.5, by counties.	Estimate of population, multiplying number of males over 21 in State, enumeration of 1879, by 4.5, by counties.	Ratio of deaths to 1,000 of population in 1879, by counties.	Ratio of deaths from consumption to total mortality, by counties.	Ratio of deaths by unclassified lung diseases to total mortality by counties.	Ratio of deaths by pneumonia to total mortality, by counties.	Ratio of deaths by cardiac diseases to total mortality, by counties.	Ratio of births to each 1,000 population, by counties.
Adams	22,572	23,805	1.0	.8	1.70	0.12	0.17	0.23
Allen	28,179	28,767	1.0	1.3	0.92	0.06	0.22	0.31
Ashland	25,694	25,650	.7	.8	0.07	0.26	0.36	0.17
Ashtabula	39,244	41,906	.7	1.2	0.60	0.22	1.10	0.17
Athens	26,461	27,205	.8	1.0	0.20	.....	0.17	0,26
Auglaize	20,511	26,265	1.1	.5	0.84	.....	0 20	0.34
Belmont	48,213	47,452	.8	.....	1.10	0.39	0.39	0.23
Brown	31,954	32,238	1.0	.....	0 18	0.33	0.39	0.21
Butler	41,816	44,770	.8	1.4	0.30	0.62	.041	0.17
Carroll	17,555	16,078	1.0	.6	1.00	0.25	0.24	0.21
Champaign	29,884	31,288	.8	1.2	0.70	0.17	0.22	0.19
Clarke	41,395	44,302	.6	1.2	0.42	0.56	0.42	0.18
Clermont	36,787	37,800	1.6	1.7	0.52	0.70	0.34	0.19
Clinton	25,722	25,573	.8	2.1	0.61	0.14	0.33	0.19
Columbiana	45,270	45,628	.9	1.2	0.22	0.54	0.60	0.26
Coshocton	27,792	26,667	.7	1.4	.....	0.05	0.43	0.21
Crawford	29,826	27,623	.9	1.6	.....	0.56	0.52	0.28

Counties.	Estimate of population, multiplying vote of 1879 by 4.5, by counties.	Estimate of population, multiplying number of males over 21 in State, enumeration of 1879, by 4.5, by counties.	Ratio of deaths to 1,000 of population in 1879, by counties.	Ratio of deaths from consumption to total mortality, by counties.	Ratio of deaths by unclassified lung diseases, to total mortality, by counties.	Ratio of deaths by pneumonia to total mortality, by counties.	
Cuyahoga	135,400	179,618	.9	.6	0.55	0.06	
Darke	36,596	42,263	1.1	1 5	.....	0.87	
Defiance	19,430	22,478	.9	1.8	0.43	0.20	
Delaware	29,367	29,407	.8	.....	0.16	1.30	
Erie	28,665	32,265	.5	2.1	0.10	0.64	
Fairfield	35,203	34,384	.9	1.6	0.10	.....	
Fayette	21,996	21,847	.7	1.0	0.24	0.06	
Franklin	82,152	96,211	.5	1.2	0.10	0.15	
Fulton	19,008	21,858	1.0	1.2	0 84	0.17	
Gallia	21,347	26,977	1.0	1.7	0.28	0.21	
Geauga	16,704	18,877	.8	1 6	0.20	0.21	
Greene	31,936	34,355	.8	1.9	0.19	0.46	
Guernsey	26,095	25,091	.8	1.2	0.30	0.40	
Hamilton	254,182	275,620	1.0	1.3	0.35	0.28	
Hancock	28,332	28,570	.9	.....	1.40	0 71	
Hardin	25,660	28,083	1.1	.9	1.10	0.91	
Harrison	21,550	21,330	.8	.....	0.48	0.64	
Henry	18,054	24,051	.8	1.0	.....	0.94	
Highland	31,689	34,060	.8	1.5	0 28	0.32	
Hocking	18,630	18,143	.9	1.9	0 71	.....	
Holmes	20,132	20,551	.8	.2	0.17	.....	
Huron	34,420	35,109	.9	2.1	0.29	0.18	
Jackson	20,191	26,675	1.0	1.3	0.26	0.80	
Jefferson	31,495	35,037	.7	1.5	0.16	0.52	
Knox	31,122	30,233	.8	1.4	0.61	0.08	
Lake	17,509	20,996	.6	1.8	0.62	.....	
Lawrence	30,969	34,663	.8	1.3	0.53	0.35	
Licking	43,173	46,197	.7	1.5	0.54	0.18	
Logan	26,289	26,919	1.0	1.2	0.24	1.25	
Lorain	35,482	40,310	.9	1.2	0.85	0.38	
Lucas	54,193	68,431	.9	1.4	0.62	0.05	
Madison	23,648	21,042	.7	1.4	0.45	0.06	
Mahoning	37,422	38,916	.7	1.0	0.77	0.06	
Marion	22,063	21,078	1.0	.9	0.57	0.16	
Medina	23.782	24,905	.8	.....	0.62	0.26	
Meigs	31,293	30,811	.8	2.4	0.80	0.29	
Mercer	17,122	20,435	1.2	.8	0.15	1.35	
Miami	37,125	37,656	.7	2.5	0.39	0.15	
Monroe	22,410	25,231	1.0	1.1	1.00	0.06	
Montgomery	81,463	86,620	1.3	1.5	0.14	0.05	
Morgan	20,970	19,521	1.0	1.9	0.75	0.20	
Morrow	20,745	21,785	.8	2.1	.....	0.11	
Muskingum	49,414	55,570	.9	1.0	0.81	0.22	
Noble	20,533	19,890	.7	1.3	0.25	0.19	
Ottawa	16,272	16,519	.8	1.0	0.14	1.00	

Counties.	Estimate of population, multiplying vote of 1879 by 4.5, by counties.	Estimate of population, multiplying number of males over 21 in State, enumeration of 1879, by 4.5, by counties.	Ratio of deaths to 1,000 of population in 1879, by counties.	Ratio of deaths from consumption to total mortality, by counties.	Ratio of deaths by unclassified lung diseases to total mortality, by counties.	Ratio of deaths by pneumonia to total mortality, by counties.	Ratio of deaths by cardiac diseases to total mortality, by counties.	Ratio of births to each 1,000 population by counties.
ng	11,340	12,348	1.3	.9	0.15	0.06	0.15	0.33
.....	26,275	26,590	.7	.3	0.31	0.20	0.71	0.26
ray	28,053	27,994	.9	1.5	0.23	0.35	0.42	0.21
.....	16,744	17,008	1.1	.....	0.22	0.05	0.31	0.29
e	29,216	32,359	.9	1.6	0.24	0.28	0.53	0.16
.....	25,918	26,797	.7	1.7	0.15	0.40	0.65	0.20
n	21,100	22,680	1.0	1.0	1.00	.....	0.47	0.22
nd	38,716	38,619	.7	1 0	0.80	0.28	0.31	0.18
.....	40,243	38,866	.9	2.2	0.49	0 26	0.41	0.20
sky	28,849	32,532	.7	1.0	0.30	0.04	0.26	0.21
.....	29,533	30,748	.7	1.2	0.88	0.25	0.58	0.27
.....	39,150	40,235	.7	.9	0.70	0.19	0.20	0.20
.....	22,059	24,395	1.1	1.2	.....	0.14	0.28	0.28
.....	63,549	63,428	.9	.7	0.58	0.05	0.50	0.25
t	41,566	48,135	.9	1.5	1.10	0.66	0.60	0.24
ull	42,719	45,796	.8	.9	1.00	0.58	0.77	0.22
awas	38,308	36,769	.7	.....	0.18	.....	0.68	0 24
.....	23,720	23,567	1.0	1.5	0.30	1.90	0.35	0.23
Vert	22,018	22,770	1.1	.9	1.30	0.04	0.31	0 25
.....	15,565	16,159	1.1	2.2	0.61	.....	0.17	0.31
n	30,194	34,845	.9	1.6	0.50	0 41	0 48	0.17
ngton	40,728	44,059	1.0	1.5	0.15	0 51	0.17	0.26
.....	20,513	44,167	.6	0.8	0.50	0.07	0 36	0.21
ms	24,685	24,291	.5	2 0	.....	1 00	0 16	0.20
.....	33,634	35,018	.9	1.0	0 83	0 32	0 22	0.22
lot	22,955	23,238	.8	.....	1.10	0.94	0.34	0.20
Totals	3,018,199	3,269,610	8.4	13.	6.	3.8	3.8	.22

*Corrected ratio.

referring to the third column of the preceding table, we shall ob- that the counties in the State which report a greater mortality than er thousand of the population may be arranged in three unequal s.

roll stands by itself. Morgan, Monroe, and Washington make a d group. In the third group are Adams, Brown, Clermont, Hamil- allia, Jackson, Vinton, and Pike counties.

The fourth group, beginning with Montgomery on the south in addition to the county just mentioned, Darke, Shelby, Log Marion, Hardin, Auglaize, Mercer, Allen, Putnam, Van Wert, and Fulton counties.

A fifth territory, consisting of Columbiana, Crawford, Cuya ance, Hancock, Huron, Lorain, Lucas, Wood, Stark, Summi Muskingum, Ross, Pickaway, Hocking, and Fairfield counti mortality reported of nine per one thousand of the population

The remainder of the State reports a ratio of mortality less average, which, for the State, is 8.4 per 1000.

The mortality from consumption amounts to thirteen per c total, to this we may with propriety add six per cent. of the tality occasioned by unclassified lung diseases, which were pro sumption in some of its forms.

This will make a mortality in Ohio from consumption of nir cent. of the total. This is less than some of the German Sta has been reported as high as twenty-eight per cent.

The column of the table exhibiting the mortality from p exhibits some features which are suggestive of further study. stance, Ottawa with a mortality from this disease of one hu every one thousand of the total, Mercer with one hundred and t Logan with one hundred and twenty-five, Delaware with one and thirty. The average mortality from pneumonia is thirty thousand deaths. Evidently some local cause existed in these to produce this mortality which is not now apparent.

Cardiac diseases produced the same per centage of mortality monia.

TABLE SHOWING RATE OF MORTALITY AT VARIOUS AGES.

Under 1 year.	From 1 to 2.	From 2 to 3.	From 3 to 4.	From 4 to 5.	From 5 to 10.	From 10 to 15.	From 15 to 20.	From 20 to
17.5	5 9	3.7	2.8	2.2	5 3	2.8	3.6	4.4

This table shows 17.5 per cent. of total mortality occurs before of the first year; 5.9 in the second year, which is .6 greater mortality for the five years between the ages five and ten.

From fifteen to thirty, there are fluctuations in mortality in q nial periods, which become less marked for several periods tl hence in this paper they are omitted.

The number of children dying under one year was seven pe

born, and the number dying under five years was thirteen and nine- s of those born, which shows an improving ratio for Ohio since last when the ratios were eight and fifteen respectively.

COMPARATIVE MORTALITY FROM—

	Consumption.	Cholera infantum.	Croup.	Measles.	Intermittents and remittents.	Small-pox.	Scarlatina and diphtheria.	Pneumonia.	Cancers.	Cerebro-spinal, enteric, and typhus fevers.	Dysentery and diarrhœa.
U. States.	14.2	4.1	2.2	1.9	2.3	0.9	5.4	8.1	1.3	5.0	6.3
Ohio	17.8	3.8	1.9	2.1	1.2	1.1	3.5	6.8	1.4	4.8	6.4
Ohio	14.2	3.9	2.2	1.1	1.6	0.9	3.3	2.8	1.4	2.6	2.2
Ohio	12.3	3.1	1.7	0.6	1.3	0.1	7.3	2.3	1.6	5.2	2.2
Ohio *...	13.0	3.0	2.5	0.2	1.5	0.1	4.6	3.8	1.5	0.8	....

e above table shows at a glance that the general mortality of Ohio, special forms of disease, varies somewhat from year to year within w limits—a fact which speaks in favor of the general reliability of atistical information.

e ratio of the birth-rate to the entire population for the State, using stimate in the second column of the first table (pp. 445–447), is y-two per one thousand.

ne of the counties rise far above this ratio, as will be seen by col- sight; others, on the other hand, fall far below.

milton, from the number of births reported, would have a ratio of bout 4.9 births per one thousand of population. This I have cor- l to twenty-two per thousand, which, judging from other citi is too high.†

as I have indicated, by a partial study, features of interest shown e vital statistics of Ohio. In the future, if my life is spared, I hope, e data which will be furnished by a new enumeration, to carry out study to a fuller extent, and indicate, by a careful analysis, the s of special danger to human life in Ohio, that they may be d.

* comparative mortality from unclassified lung diseases in 1879 was six per cent. l deaths.

† milton county is the worst reported in vital statistics of any county in the State.

PUBLIC DEBTS, PROPERTY,

AND

TAXATION.

PUBLIC DEBTS, PROPERTY, AND TAX

The tables relating to State indebtedness, the debts of cc ships, cities, villages, and school districts in Ohio, valuati and taxation, are collated from the report of the Audito current year:

THE PUBLIC FUNDED DEBT OF THE STATE.

On the 15th day of November, 1878, the Public Funded Debt of the Sta was.....

There were no redemptions during the year, leaving the principal of t debt outstanding November 15, 1879.....

Their sum consists of the following loans:

FOREIGN DEBT—PAYABLE IN NEW YORK.

Loan payable July 1, 1868, not bearing interest.....
Loan payable after June 30, 1881, bearing 6 per cent. interest .....
Loan payable after December 31, 1886, bearing 6 per cent. interest ....

Total Foreign Debt.....

DOMESTIC DEBT—PAYABLE AT COLUMBUS.

Canal loan, not bearing interest..... $1,665

Total Domestic Debt .....

Total Funded Debt.....

IRREDUCIBLE STATE DEBT—TRUST FUNDS.

Name of fund.	Amount paid into the State Treasury November 15, 1878.	Net amount of principal paid in or accrued during the year ending November 15, 1879.	Total amount paid in, and balance remaining to the credit of each, November 15, 1879.	
Section 16, School Fund	$3,042,724 19	$21,689 88	$3,064,412 07	$1
Section 29, Ministerial Fund	114,942 58	1,680 19	116,622 77	
Virginia Military School Fund	182,001 89	3,865 79	185,867 68	
United States, Military School Fund	120,272 12		120,272 12	
Western Reserve School Fund	257,429 21		257,429 21	
Ohio University (Athens) Fund	2,700 73		2,700 73	
Ohio State University (Columbus) Fund	506,031 14	1,882 80	507,913 94	
Franklin Co. Agricultural College bonds	34,500 00		34,500 00	
Totals	$4,260,601 86	$29,118 66	$4,289,718 52	$2

* This amount includes $13,775.81 of interest that had accrued prior to January 1 report for 1878.

† This sum of $16,421.00 is subject to draft if drawn prior to January 1, 1880. So drawn will be added to the principal of the Endowment Fund.

Class of debts.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.
Funded State Debt (loans)	$8,583,546 37	$8,211,062 10	$7,988,205 30	$7,749,920 12	$6,484,505 30	$6,479,505 30	$6,476,805 30	$6,476,805 30
Irreducible State Debt (trust funds)	4,023,475 03	4,070,500 96	4,121,393 52	4,177,668 31	4,207,716 90	4,231,404 53	4,260,983 78	4,289,718 52
Local Debts.								
Debts of counties	$3,756,436 03	$3,125,532 27	$3,482,575 62	$3,044,578 90	$2,934,099 43	$2,909,462 27	$3,169,517 42	$2,872,834 49
Debts of cities, first and second class	11,495,591 04	14,527,108 78	15,899,112 83	20,250,722 11	*30,510,503 68	*33,762,136 07	35,799,851 70	36,036,069 77
Debts of incorporated villages	616,559 63	730,582 38	864,355 18	931,362 64	1,074,069 05	979,351 15	917,417 64	969,151 85
Debts of townships	447,238 10	401,510 18	329,339 08	222,974 13	236,724 83	208,382 58	160,955 72	161,321 10
Debts of separate (special) school districts	1,274,721 17	1,348,369 71	1,290,624 65	1,507,953 43	1,314,581 57	1,469,237 03	1,158,098 14	1,451,197 32
Total Local Debts	$17,590,547 97	$20,033,123 32	$21,886,007 36	$25,957,588 21	$36,059,978 56	$39,328,569 10	$41,205,840 62	$41,490,574 53

*Increase of debts of cities in 1876 and 1877, principally in Cincinnati.

INCREASE AND DECREASE IN LOCAL DEBTS.

Net increase in local debts over last year.....

This increase is described as follows:

Gain in cities .....
" villages .....
" townships .....
" school districts .....

Gross increase.....
Decrease in counties.....

Net increase as above.....

VALUATION.

The value of all the taxable real estate and personal prope according to the consolidated tax duplicate for 1879, is as foll

Real estate in cities, towns, and villages ..... $
Real estate not in cities, towns, and villages .....
Chattel property.....

Total taxable values for 1879 ..... $1,5
Net decrease in the valuations, as compared with 1878 .....

It will be observed that there is a decrease in the valuation

Personal property ..... $
Real estate in cities .....

Total decrease ..... $

And an increase in the valuation of—

Lands not in cities and towns.....

Total net decrease..... $

THE TAXES FOR 1880.

The taxes for the current fiscal year (1880) levied upon the basis of $1,536,748,789.00, are as follows:

FOR STATE PURPOSES

For General Revenue Fund (1 4-10 of a mill) ..... $
For Sinking Fund (1-2 mill) .....
For Common School Fund (1 mill) .....

Total for State purposes (2 9-10 mills) ..... $

FOR COUNTY PURPOSES.

For county expenses.....	$2,187,011 91
For the poor	720,776 28
For bridges	1,291,203 84
For buildings	582,510 32
For roads	1,054,140 02
For payment of debts	318,955 99
Total for county purposes	$6,154,398 36

Local taxation as follows:

For township expenses	$820,519 26	
For school and school-houses	5,418,104 26	
For sheep fund—dog tax	276,952 07	
For city, town, and village purposes	7,397,436 57	
For other special purposes	1,238,913 43	
Total township, city, school, and special taxes	$15,151,925 59	
Total county and local taxes levied in 1879		$21,306,323 95
Total levies made in 1879 for all purposes		$25,756,665 61
Add delinquencies and forfeitures of previous years		2,304,596 55
Total taxes for 1879, including delinquencies		$28,061,262 16

COST OF COLLECTING TAXES.

The probable collection of taxes for State purposes is estimated by the Auditor of State at one and one-half per cent. less than the levy, viz.:

Estimated receipts for General Revenue Fund	$2,115,383 85
" " Sinking Fund	755,494 35
" " Common School Fund	1,512,708 34
Total	$4,383,586 54
Estimated expenses and losses in the collection of taxes in 1880	66,755 22

UNITED STATES.

Internal revenue tax collected in Ohio by the United States, during the fiscal year ending June 30, 1879:

From Ohio banks and bankers	$179,182 24
" Fermented liquors	987,985 11
" Spirits	11,245,073 17
" Tobacco	3,442,430 64
" Penalties, etc	12,645 62
" Other sources	22,195 60
Total	$15,889,512 38

OHIO PENSIONS AND ALLOWANCES.

Amount disbursed in Ohio by the United States in pensions and allowances, year ending June 30, 1879	$2,756,294 48
Amount disbursed in Ohio by the United States on account of "Arrears of Pensions" during fiscal year	$349,745 52

TABLE EXHIBITING A COMPARATIVE SUMMARY OF THE GRAND DUPLICATES OF OHIO FOR EIGHTY YEARS, BEGINNING WITH THE YEAR 1800 AND ENDING WITH THE YEAR 1879.

Years.	1st quality of land.	2d quality of land.	3d quality of land.	Total number of acres.	Rate of taxation per 100 acres.			Total taxes.
	Acres.	Acres.	Acres.		1st quality.	2d quality.	3d quality.	
1800					$0 85	$0 60	$0 25	$19,240 67
1801					55	35	17	29,114 19
1802					60	40	20	22,923 09
1803	101,709	3,326,226	3,641,694	7,069,629	60	40	20	22,331 06
1804					70	50	26	22,331 04
1805				7,252,856	90	65	40	43,512 95
1806				7,917,590	90	65	40	48,260 48
1807				7,886,840	90	65	40	43,632 79
1808	147,093	5,080,131	5,251,803	10,479,029	1 00	75	50	67,501 60
1809	141,805	3,971,825	5,810,403	9,924,033	1 00	75	50	63,991 87
1810	129,741	4,177,950	5,625,408	9,933,099	1 25	1 00	65	85,964 39
1811	234,335	6,456,113	5,444,329	12,134,777	1 25	1 00	65	170,546 74
1812	185,775	5,585,367	5,598,890	11,370,032	1 25	1 00	65	165,137 07
1813	179,666	4,858,750	5,895,907	10,934,323	1 25	1 00	65	108,761 24
1814	180,370	4,919,968	5,995,540	11,095,878	2 00	1 50	1 00	165,196 48
1815	174,819	4,856,997	6,058,398	11,090,214	3 60	2 68⅛	1 78	259,486 19
1816	173,741	4,366,846	6,098,517	10,639,104	3 75	3 00	2 00	229,897 98
1817	165,492	5,027,390	6,138,738	11,331,620	3 00	2 25	1 50	231,811 68
1818	205,344	5,174,726	6,334,398	11,714,468	2 00	1 50	1 00	169,185 43
1819	126,138	5,251,270	7,261,632	12,639,040	1 50	1 00	50	179,475 62
1820	255,082	7,304,638	5,759,323	13,319,043	1 50	1 00	50	205,346 95
1821	242,914	7,734,974	6,402,336	14,380,224	1 00	75	50	171,648 68
1822	226,084	6,870,921	6,585,449	13,682,454	1 50	1 12½	75	188,647 53
1823	234,600	6,859,439	7,016,346	14,110,381	1 50	1 12½	75	194,289 95
1824	222,852	6,822,230	7,675,566	14,720,648	1 25	87½	56	170,761 20
1825	178,998	5,672,277	7,173,798	13,025,073	1 50	1 12½	75	200,405 25

Comparative Summary—Continued.

Years.	Value of realty.	Value of personalty.	Total value of taxable property.	State tax.	Total taxes on duplicate
	$15,946,840	$11,035,820	$57,982,640	$165,816	$392,783
	47,206,386	12,375,336	59,591,722	188,839	472,094
	50,116,513	12,168,841	62,285,054	187,906	198,481
	49,511,733	16,788,170	66,299,903	174,412	441,191
	50,086,250	14,589,335	64,675,578	232,472	358,595
	50,627,110	15,793,666	66,420,776	240,991	615,651
	55,013,412	19,229,620	74,243,082	264,954	685,909
	58,280,851	19,738,675	78,019,526	247,079	738,010
	57,399,577	23,500,074	81,100,660	172,434	793,104
	75,760,797	21,188,408	96,949,205	147,854	805,050
	72,223,906	27,029,444	99,253,350	211,982	1,007,216
	75,782,176	25,890,566	101,672,742	337,264	1,205,302
	80,923,608	26,553,182	107,476,790	434,061	1,305,210
	83,080,406	28,143,791	111,224,197	553,475	1,770,161
	85,257,261	27,138,895	112,326,156	594,415	1,722,729
	100,851,867	27,501,820	128,353,057	642,153	1,890,406
	104,322,013	28,021,822	132,343,835	660,756	2,030,857
	105,496,382	28,167,312	133,663,794	931,899	2,361,842
	107,142,152	29,000,514	136,142,666	848,996	2,740,023
	108,185,744	35,974,725	144,160,469	[illegible]	2,409,171
	109,340,636	40,372,496	150,263,132	1,214,887	2,780,073
	306,798,730	83,964,430	410,761,100	[illegible]	2,847,673
	[illegible] 995,273	90,072,718	421,067,991	[illegible]	3,241,955
	337,830,311	95,000,074	430,836,385	1,2[illegible]747	3,6[illegible]
	341,389,832	98,487,202	4[illegible]9,877,340	1,413,830	4,247,708
	346,341,243	115,807,387	462,148,630	1,687,[illegible]	4,957,013
	354,937,147	152,044,763	[illegible]	[illegible]	5,674,3[illegible]5
	563,430,901	229,905,947	593,[illegible]	3,[illegible]	7,[illegible]
	569,8[illegible]410	297,061,572	866,[illegible]	[illegible] 601	9,092,339
	577,858,738	283,018,815	860,877,374	2,754,867	8,954,512
	580,634,487	240,026,[illegible]	820,661,037	2,[illegible]	8,[illegible] 514
	585,620,682	293,793,897	849,414,[illegible]	2,[illegible]	8,[illegible]
	590,[illegible] 947	240,514,084	840,800,931	2,978,122	[illegible] 650
	[illegible]4,114,004	271,797,947	845,[illegible]	2,[illegible]	9,[illegible]
	639,894,311	248,408,290	888,302,601	3,[illegible]	13,[illegible]
	644,883,552	248,[illegible]	892,[illegible]	4,[illegible]	11,[illegible]
	64[illegible]	243,615,312	889,[illegible]	4,[illegible]	1[illegible]
	643,5[illegible]	280,871,222	924,371,[illegible]44	4,[illegible]	1[illegible] 374
	655,498,100	751,198,016	1,[illegible] 110	[illegible]	1[illegible] 639
	506,557,970	409,647,876	1,[illegible]	[illegible]	[illegible]
	663,047,542	442,[illegible]	1,10[illegible]	[illegible]	1[illegible] 677
	673,993,727	464,[illegible]	1,138,[illegible]	3,[illegible]	2[illegible] 615
	683,472,487	460,[illegible]	1,143,4[illegible]	3,[illegible] 472	2[illegible] 148
	697,118,263	459,762,252	1,157,1[illegible]	4,047,470	22,[illegible]
	707,84[illegible]	4[illegible]	1,16[illegible]	4,[illegible]	2[illegible] 163,613
	1,025,610,634	47[illegible]	1,502,1[illegible]	4,[illegible]	2[illegible] 348
	1,030,103,528	4[illegible]	1,524,[illegible]	4,[illegible]	2[illegible]
	1,041,763,931	5[illegible]	1,[illegible]	[illegible] 477 [illegible]	26,131,[illegible]
	1,082,257,720	5[illegible]	1,[illegible]	[illegible]	2[illegible]
	1,062,315,048	535,[illegible]	1,[illegible]	4,[illegible]	2[illegible] 771
	1,076,[illegible] 367	520,681,[illegible]	1,597,4[illegible]	4,[illegible]	2[illegible]
	1,084,453,378	490,190,387	1,574,643,76[illegible]	4,[illegible]	27,514,650
	1,091,116,952	461,460,552	1,552,577,704	4,4[illegible]	26,124,465
	1,093,768,904	442,97[illegible]	1,5[illegible]	4,420,[illegible]41	2[illegible]

[illegible] re-valuations of the real property of the State [illegible] the years 18[illegible], 18[illegible], 1841, 1847, 1854, 1861.

Prior to 1825 real estate [illegible] was brought upon the duplicate for taxation for State purposes [illegible] county purposes were derived from a poll tax and a tax upon horses, mules and cattle [illegible] by Legislative appropriation, a percentage from one-fifth to one-half, varying with [illegible] real [illegible] the taxes levied upon real estate.

[illegible] act of February 3, 18[illegible], which took effect March 1, 18[illegible], all taxable property was placed upon [illegible] duplicate [illegible] lands and town lots including buildings [illegible] pleasure carriages and [illegible] and brokers' capital, to which was added [illegible] loaned at interest [illegible] manufacturers [illegible] the act of March 14, 1831.

[illegible] act of March 2, 1846, a new system of taxation was inaugurated, which [illegible] is now in force.

TABLE SHOWING A COMPARATIVE SUMMARY OF THE GRAND DUPLICATES OF OHIO FOR SEVEN YEARS, BEGINNING WITH 1873, AND ENDING WITH 1879, GIVING THE VALUATIONS FOR EACH YEAR, AND THE AGGREGATE TAXES FOR EACH SPECIFIC OBJECT, WHETHER FOR STATE, COUNTY, OR LOCAL PURPOSES.

	1873.	1874.	1875.	1876.	1877.	1878.	1879.
Number of acres of land	25,446,107	25,416,998	25,458,323	25,350,658	25,426,707	25,201,743	25,376,264
VALUATIONS.							
Value of lands	$698,815,731	$697,408,537	$696,883,323	$704,940,269	$705,896,953	$709,223,985	$716,111,437
" real est'e in cities and towns	342,948,200	354,749,199	366,031,712	371,848,098	378,558,425	381,892,967	377,657,467
" chattel property	525,510,708	528,121,588	535,660,818	520,681,500	490,190,387	461,460,552	442,979,885
Total taxable valuation	$1,567,274,639	$1,580,379,324	$1,598,575,862	$1,597,469,966	$1,574,645,765	$1,552,577,504	$1,536,748,789
STATE TAXES—RATE.	3.5 *Mills.*	3.2 *Mills.*	3.1 *Mills.*	2.9 *Mills.*	2.9 *Mills.*	2.9 *Mills.*	2.9 *Mills.*
For Sinking Fund	$1,251,695 34	$1,262,170 08	$1,276,725 71	$797,401 14	$785,977 64	$774,939 51	$766,999 35
For General Revenue Fund	938,773 16	788,856 24	638,357 77	637,916 87	628,782 26	619,672 43	2,147,597 81
For Asylum Fund	1,621,082 45	1,419,940 59	1,436,312 59	1,594,802 08	1,571,956 45	1,549,880 10	.....
For State Common School Fund	1,566,308 30	1,579,400 51	1,597,599 12	1,596,500 12	1,573,663 28	1,551,583 97	1,535,741 50
Total State taxes	$5,477,859 25	$5,050,367 42	$4,948,995 19	$1,626,620 54	$4,560,379 63	$4,496,376 01	$4,450,341 66
COUNTY TAXES.							
For county expenses	$2,000,586 32	$1,956,547 16	$2,098,662 11	$2,221,274 06	$2,150,151 86	$2,141,177 76	$2,187,011 91
For poor purposes	743,722 04	706,269 60	746,423 43	837,954 58	827,429 75	786,298 24	720,776 24
For bridge purposes	1,405,309 74	1,389,371 82	1,613,849 32	1,596,435 06	1,554,471 97	1,446,812 22	1,291,003 84
For building purposes	606,947 80	646,340 15	669,303 51	677,097 84	518,031 98	536,356 01	582,510 32
For road purposes	1,086,592 33	1,061,469 86	1,109,001 25	1,231,955 30	1,130,217 27	1,091,669 60	1,054,140 02
For payment of debts	280,618 57	278,751 19	422,227 93	389,850 66	319,447 51	427,314 81	318,955 99
Total county taxes	$6,123,776 80	$6,038,749 78	$6,659,467 58	$6,954,567 50	$6,499,753 40	$6,429,628 64	$6,154,398 36

TOWNSHIP, SCHOOL, AND TOWN TAXES.							
For township expenses	$780,054 49	$801,338 90	$840,279 34	$868,543 96	$966,717 65	$85,550 26	$920,519 26
For school and school-house purposes	5,190,222 60	6,305,533 77	6,362,533 53	5,913,240 30	5,796,502 47	5,546,656 52	5,418,104 26
For Sheep Fund—dog tax							276,952 07
For city, town, and village purposes	6,447,702 61	7,236,420 27	7,478,901 15	8,179,544 64	7,915,092 45	7,391,627 34	7,397,436 57
For other special purposes	1,111,937 48	1,404,786 63	1,682,791 58	1,978,729 58	1,876,205 19	1,604,606 53	1,238,913 43
Total town'p, spec'l, and city taxes	$14,529,717 18	$15,748,079 57	$16,344,505 60	$16,940,068 48	$16,454,517 76	$15,395,440 65	$15,151,925 59
Total county and local taxes	$20,653,493 98	$21,786,829 35	$23,003,976 18	$23,894,635 98	$22,954,271 16	$21,828,069 29	$21,306,323 95
Total taxes for all purposes	$26,131,353 23	$26,837,196 77	$27,952,971 37	$28,521,256 52	$27,514,650 79	$26,324,445 30	$25,756,665 61
Delinquencies and forfeitures	$343,106 75	$777,532 39	$940,211 00	$1,433,929 20	$2,011,096 74	$2,235,320 56	$2,304,596 55
Total taxes, includ'g delinquenc's	$26,474,459 98	$27,614,729 16	$28,893,182 37	$29,965,185 72	$29,525,747 53	$28,559,765 86	$28,061,262 16

GRAND DUPTICATE OF OHIO FOR THE YEAR 1879.

Table exhibiting the number of acres of land and the value thereof in moneys, and credits; the total of taxable property; the amount of tax le the expenses of the State Government, and for the support of State Commc also the total amount of taxes levied for all purposes, and the total amou

Counties.	Acres of land.	Value of lands.	Value of real estate in cities, towns, and villages	Value of chattel property (including valuation of dogs.)
Adams	324,111	$3,787,638	$401,576	$1,669,311
Allen	257,627	4,986,485	1,656,809	3,555,253
Ashland	266,072	8,200,463	1,151,379	3,671,081
Ashtabula	439,380	9,422,359	1,476,551	5,217,220
Athens	305,564	4,584,872	880,637	2,600,470
Auglaize	247,397	4,338,700	1,257,700	1,941,160
Belmont	337,182	11,715,026	2,778,382	6,242,547
Brown	305,493	7,111,118	1,035,452	2,613,638
Butler	291,990	17,326,276	6,441,180	9,351,787
Carroll	251,491	6,229,189	355,376	2,342,903
Champaign	267,294	11,313,700	2,767,410	6,322,009
Clarke	250,367	11,534,510	6,181,280	9,489,500
Clermont	282,973	9,891,960	1,148,770	3,442,430
Clinton	257,530	8,788,074	1,258,798	3,853,893
Columbiana	335,429	11,232,815	4,172,373	7,252,407
Coshocton	353,905	8,481,950	1,203,140	3,456,400
Crawford	251,515	7,823,730	2,459,040	5,017,910
Cuyahoga	262,463	9,936,244	55,427,145	23,129,291
Darke	377,411	11,004,760	1,912,020	5,664,010
Defiance	257,492	3,192,935	991,013	1,693,289
Delaware	284,350	9,376,390	2,270,695	4,842,063
Erie	157,616	4,602,434	2,987,869	3,841,002
Fairfield	313,582	10,985,190	1,848,630	5,358,170
Fayette	254,584	9,068,370	942,315	3,313,480
Franklin	331,497	16,743,890	20,133,430	13,894,319
Fulton	256,494	3,265,890	343,590	1,706,002
Gallia	287,254	3,914,949	1,264,606	2,211,952
Geauga	251,728	5,714,880	210,200	2,092,428
Greene	258,662	12,659,580	2,935,310	6,691,393
Guernsey	327,961	6,506,981	1,251,205	2,925,387
Hamilton	232,577	29,534,180	45,477,130	49,316,759
Hancock	334,491	8,369,655	1,062,210	2,906,973
Hardin	291,862	5,161,440	1,391,940	2,643,730
Harrison	256,014	8,115,910	800,320	4,091,430
Henry	261,887	2,773,970	794,230	1,206,603
Highland	345,671	9,299,312	1,573,161	4,203,897
Hocking	265,813	3,350,466	405,159	1,739,433
Holmes	264,826	5,240,900	458,700	2,635,799
Huron	306,097	9,416,340	2,635,230	5,357,042
Jackson	256,901	2,471,763	647,437	1,614,490
Jefferson	257,589	9,983,220	3,562,850	5,308,840
Knox	324,322	10,183,286	1,861,753	4,499,470
Lake	145,534	4,635,838	1,964,311	3,516,086
Lawrence	281,000	5,363,961	76,816	2,904,341
Licking	429,614	15,816,427	3,427,859	7,186,092
Logan	283,181	7,981,980	1,282,350	4,284,190
Lorain	357,241	8,770,303	2,842,486	5,817,449
Lucas	207,393	2,952,120	22,040,955	7,000,350
Madison	230,813	9,018,280	1,169,540	3,978,740

GRAND DUPLICATE OF OHIO—LOCAL TAXES—Continued.

Road tax.	All debts that the county is responsible for.	Township tax.	Township and sub-district school, school-house, and all taxes for school purposes.	Dog tax (at $1 each).	Other special taxes.	City, town, and village taxes.
$5,182 08	$21,235 14	$7,638 44	$136,876 46	$2,329 00	$230,113 20	$348,916 36
10,058 17	7,163 58	8,157 16	41,198 38	2,471 00	904 82	18,245 45
13,051 92	.....	7,038 63	58,314 50	3,863 00	4,387 44	55,218 31
14,104 94	.....	9,255 65	43,375 24	2,427 00	657 39	11,819 17
1,301 98	.....	5,057 56	37,601 29	2,215 00	5,894 17	3,436 84
9,605 63	.....	10,961 25	33,046 53	2,762 00	.....	30,112 26
7,519 37	1,122 95	9,728 65	24,167 52	2,621 00	2,560 81	3,186 07
28,124 39	.....	12,148 53	81 755 71	4,011 00	10,748 36	66,568 37
8,684 76	.....	5,844 42	26,543 42	3,612 00	.....	1,921 80
24,652 42	.....	17,082 27	179,926 18	6,359 91	36,238 92	205,210 89
16,376 27	.....	2,913 48	30,930 10	2,407 00	4,126 40	2,492 22
11,269 68	.....	5,363 34	31,646 13	2,075 00	2,350 62	7,594 65
.....	.....	8,009 83	69,818 25	5,002 00	7,421 99	89,062 63
13,512 72	.....	3,660 60	24,535 32	2,573 00	539 72	823 70
7,165 14	2,803 56	2,847 48	29,999 11	1,733 00	16,242 74	6,964 85
6,978 18	.....	3,827 01	17,407 25	1,477 00	10,975 70	875 21
1,056 37	.....	5,675 32	42,135 84	2,520 00	4,405 57	9,035 00
12,544 75	3,835 97	13,328 23	54,561 28	3,762 00	.....	17,908 00
6,330 39	.....	4,361 46	26,404 86	2,776 00	.....	4,370 95
10,690 04	.....	6,644 36	43,195 48	2,536 00	10,203 62	19,525 73
8,890 90	.....	5,068 30	49,783 11	2,888 00	17,077 68	10,041 95
9,588 64	.....	4,376 57	29,930 30	2,725 00	20,591 47	5,481 96
12,466 17	.....	13,363 58	67,657 58	3,414 00	2,030 50	62,247 98
.....	36,588 27	10,229 66	63,228 33	4,259 00	14,682 96	32,407 76
9,446 24	1,292 07	10,554 08	44,658 88	2,481 00	3,428 94	27,628 42
41,058 45	4,165 85	4,927 20	49,474 05	2,710 00	8,331 69	54,927 02
12,220 45	5,549 18	11,134 57	63,229 53	3,587 00	8,043 92	52,651 82
19,401 48	.....	14,940 24	30,122 97	3,168 00	738 09	14,852 51
15,158 35	.....	18,384 62	101,022 36	6,043 00	32,160 80	89,083 36
12,680 76	.....	7,080 69	86,613 21	2,314 00	3,929 14	90,530 65
2,646 92	5,914 57	8,501 41	60,059 37	4,370 00	5,133 77	30,918 62
12,258 12	.....	13,801 59	61,710 53	4,410 00	.....	19,411 23
10,349 42	.....	8,038 26	48,927 10	2,357 00	32,304 71	10,073 19
11,527 26	.....	9,052 76	31,525 66	2,529 00	6,514 53	12,439 62
4,878 52	.....	2,584 08	15,565 55	1,696 00	6,568 54	1,291 33
17,198 59	.....	11,851 07	50,993 60	3,214 00	12,638 82	23,737 93
7,636 93	12,651 27	9,107 45	51,232 22	4,631 00	59 55	34,911 83
1,768 69	11,527 46	11,223 37	58,894 25	4,554 00	4,516 64	26,719 16
.....	.....	21,521 01	31,964 62	2,305 00	705 28	9,511 42
10,432 97	.....	13,993 38	45,842 39	3,495 00	5,188 42	12,975 17
8,735 49	.....	11,457 54	39,291 50	2,697 00	2,297 65	12,473 98
1,054,140 02	318,955 99	820,519 26	5,418,104 23	276,952 07	1,238,913 43	7,397,436 57

GRAND DUPLICATE OF OHIO FOR THE YEAR 1879—Continued.

Counties.	Acres of land.	Value of lands.	Value of real estate in cities, towns, and villages.	pr cl
Mahoning	264,534	$9,661,010	$3,500,854	
Marion	258,615	7,565,830	1,135,808	
Medina	263,601	8,293,182	726,791	
Meigs	263,600	4,020,493	2,326,860	
Mercer	285,194	2,977,870	291,120	
Miami	252,102	11,254,400	3,970,886	
Monroe	287,411	3,825,736	332,013	
Montgomery	267,068	17,647,000	13,132,300	
Morgan	260,244	4,920,893	568,850	
Morrow	254,002	8,022,127	712,414	
Muskingum	419,132	12,547,580	5,125,110	
Noble	253,976	4,516,034	178,588	
Ottawa	163,045	2,641,033	601,951	
Paulding	258,389	1,632,107	107,071	
Perry	256,014	5,183,814	943,171	
Pickaway	314,310	12,901,946	1,583,256	
Pike	262,165	2,972,881	416,933	
Portage	315,687	9,190,150	913,890	
Preble	268,114	11,250,855	1,532,829	
Putnam	305,106	3,584,160	558,414	
Richland	308,095	10,511,220	4,147,250	
Ross	421,349	11,569,342	3,003,138	
Sandusky	255,766	7,127,070	2,018,750	
Scioto	346,340	4,063,050	2,795,800	
Seneca	345,101	10,671,119	3,747,409	
Shelby	254,893	5,634,470	1,011,994	
Stark	351,084	16,718,630	6,213,430	
Summit	260,276	11,504,957	3,944,297	
Trumbull	399,229	11,198,989	2,236,260	
Tuscarawas	356,740	10,099,922	2,080,792	
Union	239,787	6,895,240	932,279	
Van Wert	265,350	2,877,056	955,059	
Vinton	267,920	2,291,285	282,977	
Warren	252,197	12,401,625	1,965,733	
Washington	393,480	6,479,549	2,430,879	
Wayne	344,917	12,827,618	2,774,310	
Williams	207,818	4,504,125	942,440	
Wood	389,950	5,836,310	935,740	
Wyandot	254,753	5,943,540	1,156,760	
Totals	25,376,264	$716,111,437	$377,657,467	$

Athens county college lands, valued at $1,005,599, are claimed as exemp
State taxes.

Butler county college lands, valued at $1,745,083, are claimed as exempt
tion for State purposes, except for support of common schools.

GRAND DUPLICATE OF OHIO FOR THE YEAR 1879—Continued.

Total value.	State tax for 1879.				Total amount of all other than State taxes
	For State debt or Sinking Fund, 5-10 of a mill.	General Revenue Fund, 1 and 4-10 of a mill.	State Common School Fund, 1 mill.	Total State Tax, 2 and 9-10 mills.	
$18,743,198	$9,317 59	$26,240 49	$18,743 22	$54,355 30	$224,344 89
13,077,884	6,538 89	18,309 02	13,077 87	37,935 78	114,299 99
12,400,871	6,200 45	17,361 19	12,400 88	35,962 57	86,598 97
8,532,882	4,266 42	11,946 03	8,532 87	24,745 32	116,958 77
4,491,794	2,245 90	6,288 51	4,491 79	13,026 20	92,904 54
21,496,871	10,748 43	30,095 61	21,496 87	62,340 91	254,948 46
5,645,682	2,822 80	7,903 94	5,645 65	16,372 39	67,495 99
44,392,870	22,196 43	92,150 02	44,392 87	128,739 32	619,275 22
8,127,610	4,063 80	11,378 65	8,127 61	23,570 06	95,194 39
12,193,379	6,096 69	17,070 73	12,193 38	35,360 80	90,782 89
25,360,480	12,680 23	35,504 67	25,260 48	73,545 38	301,045 01
6,228,210	3,114 10	8,719 49	6,228 21	18,061 80	73,571 97
5,607,093	2,803 53	7,849 91	5,907 10	16,260 54	109,248 38
2,379,989	1,189 97	3,331 96	2,380 01	6,901 94	77,955 17
8,830,915	4,415 46	12,363 29	8,830 91	25,609 66	96,622 51
19,179,553	9,589 78	26,851 36	19,179 57	55,720 71	162,560 98
5,197,568	2,598 78	7,276 62	5,197 56	15,072 96	65,036 89
15,943,713	7,971 86	22,321 19	15,943 71	46,236 76	123,088 27
17,761,832	8,880 90	24,866 54	17,761 85	51,509 29	134,582 13
5,716,430	2,858 20	8,003 01	5,716 44	16,577 65	110,723 41
21,763,200	10,881 60	30,468 48	21,763 20	63,113 28	217,764 13
21,522,510	10,761 25	30,131 51	21,522 51	52,415 27	208,745 40
12,921,013	6,460 49	18,089 41	12,920 98	37,470 88	160,220 35
10,414,621	5,207 32	14,580 46	10,414 62	30,202 40	204,728 38
18,497,281	9,248 64	25,896 17	18,497 26	53,642 07	266,706 08
9,700,754	4,850 38	13,581 04	9,700 74	28,132 16	121,936 60
32,554,950	16,277 46	45,576 93	32,554 95	94,409 35	339,954 37
22,073,579	11,036 80	30,902 94	22,073 61	54,013 35	278,198 78
19,715,309	9,857 65	27,601 46	19,715 29	57,174 40	186,548 26
16,807,917	8,403 96	23,531 08	16,807 91	48,742 95	170,419 19
10,349,484	5,174 71	14,489 20	10,349 42	30,013 33	159,122 02
5,933,630	2,966 87	8,307 19	5,933 69	17,207 75	119,278 02
3,738,308	1,869 15	5,233 65	3,738 29	10,841 09	57,349 00
21,064,699	10,532 35	29,490 58	21,064 71	61,087 64	172,296 06
12,651,270	6,325 53	17,711 78	12,652 27	36,689 68	170,835 33
23,054,449	11,527 46	32,276 69	23,054 92	66,859 07	197,590 15
7,750,494	3,875 24	10,850 66	7,750 48	22,476 38	93,155 05
9,542,660	4,771 33	13,359 72	9,542 66	27,673 71	139,440 63
10,580,135	5,290 05	14,812 19	10,580 13	30,682 38	123,505 75
$1,536,748,798	$766,999 35	$2,147,597 81	$1,535,744 50	$4,450,341 66	$21,306,323 75

Grand Duplicate of Ohio for the Year 1879.—Local Taxes.

Tabular Statement showing the amount of Taxes assessed on the Grand Du road purposes; also the amount assessed by Town, Township, and Sub-distri City, Town, and Village purposes.

Counties.	Total amount of taxes for all purposes.	Delinquent taxes and forfeitures.	County tax.	Poor tax.	Bridge tax.	
Adams	$101,280 64	$12,617 16	$17,575 58	$4,100 97	$8,787 79	..
Allen	219,298 99	16,748 70	24,476 66	5,099 30	15,297 91	
Ashland	160,637 36	6,117 36	18,883 31	7,813 78	13,022 98	..
Ashtabula	226,550 26	4,956 01	30,620 64	16,116 11	32,232 22	
Athens	134,975 33	3,219 43	24,197 73	11,292 25	12,098 89	
Auglaize	123,260 03	3,699 28	18,844 05	3,768 84	7,537 62	
Belmont	249,546 85	13,875 61	31,103 98	12,441 58	4,147 18	
Brown	178,351 96	36,319 11	24,211 14	5,380 30	13,741 88	..
Butler	428,255 50	41,317 76	49,678 86	16,559 62	23,183 47	
Carroll	86,696 65	2,967 10	17,854 94	2,678 53	4,463 73	
Champaign	236,585 55	4,374 73	22,443 43	4,080 59	16,322 50	
Clarke	365,134 30	3,538 47	29,924 32	5,440 86	13,602 14	
Clermont	208,365 30	16,497 69	26,073 36	8,691 12	14,485 20	
Clinton	192,035 38	11,465 23	27,801 52	2,780 14	13,900 66	
Columbiana	244,853 22	4,805 26	13,194 54	4,531 50	22,657 59	...
Coshocton	163,378 77	2,940 37	49,711 86	6,570 69	16,426 37	...
Crawford	190,924 98	4,138 80	22,951 01	7,650 35	15,300 67	...
Cuyahoga	2,366,830 91	140,397 44	110,615 27	17,698 44	35,396 87	...
Darke	247,065 76	5,835 52	24,155 02	13,006 55	29,729 27	
Defiance	120,824 86	15,270 31	....	2,938 62	4,271 40	...
Delaware	208,976 78	12,836 03	24,733 73	9,893 44	8,244 55	
Erie	272,800 09	10,298 49	24,005 74	13,146 02	14,289 13	...
Fairfield	215,535 39	5,359 26	23,662 60	10,921 22	18,201 99	...
Fayette	164,840 94	12,409 61	19,986 24	13,324 17	6,662 08	...
Franklin	804,699 64	46,755 79	55,849 92	35,540 86	10,154 40	
Fulton	97,067 36	4,510 62	13,288 78	7,441 67	12,355 69	
Gallia	113,537 33	4,039 92	22,174 44	4,434 88	7,391 51	
Geauga	84,300 71	669 93	14,431 48	1,603 56	4,008 74	...
Greene	258,980 32	6,879 49	28,972 15	15,600 38	15,600 38	...
Guernsey	141,175 46	6,500 38	19,230 80	5,351 92	8,546 96	1
Hamilton	5,372,798 53	99,568 01	124,394 44	22,811 06	33,171 86	1(
Hancock	189,494 47	5,934 24	18,508 23	3,701 62	18,508 23	
Hardin	180,522 77	27,810 53	22,992 78	9,197 11	9,197 11	...
Harrison	131,892 92	735 85	13,007 66	15,609 19	3,902 30	
Henry	129,869 55	38,443 81	18,219 61	6,832 40	15,942 13	
Highland	178,362 35	34,740 21	25,029 88	3,388 51	10,423 98	
Hocking	78,262 41	2,240 88	13,737 65	3,846 53	8,242 59	
Holmes	115,718 26	885 50	19,169 55	2,500 34	12,501 88	
Huron	239,714 72	7,871 31	17,408 62	10,445 20	29,594 65	
Jackson	81,368 01	3,113 59	10,567 94	9,466 46	....	...
Jefferson	205,013 05	11,988 64	30,172 62	5,657 37	3,771 58	...
Knox	197,222 64	6,949 54	21,507 20	8,271 95	16,544 00	
Lake	121,060 92	1,315 34	10,116 24	5,058 12	15,174 36	
Lawrence	160,708 82	23,643 34	15,021 21	5,007 12	17,524 74	
Licking	306,122 68	6,960 79	29,073 37	10,572 04	15,858 20	5
Logan	185,060 24	10,195 02	23,032 48	5,419 41	20,322 78	...
Lorain	221,048 89	1,788 46	12,201 17	3,486 05	17,430 24	1

GRAND DUPLICATE OF OHIO FOR THE YEAR 1879—LOCAL TAXES.

...o for 1879, by County authority, for County, Poor, Bridge, Building, Road, and Rail...
...y, for Township expenses, School and School-house, and other special purposes, and for...

Road tax.	All debts that the county is responsible for.	Township tax.	Township and sub-district school, school-house, and all taxes for school purposes.	Dog tax (at $1.00 each).	Other special taxes.	City, town, and village taxes.
3,135 99	.....	$4,825 05	$29,741 12	$2,534 00	$1,333 61	$2,257 81
3,248 76	.....	8,438 39	48,768 87	2,882 00	23,142 18	5,309 47
3,897 67	.....	10,662 38	43,111 47	2,618 00	16 00	12,845 14
4,528 70	$7,492 65	5,985 50	46,806 65	2,412 00	6,089 67	19,671 19
9,019 75	.....	6,708 24	25,649 72	2,388 00	....	11,046 90
9,156 85	.....	8,024 76	31,325 36	2,853 00	134 72	12,218 13
14,231 50	.....	11,214 82	65,643 83	4,741 30	....	25,155 37
30,316 68	.....	8,236 16	36,191 45	3,377 00	13,182 11	12,509 87
21,292 39	9,935 75	15,990 15	95,895 34	3,857 00	4,318 90	91,561 97
6,085 89	.....	5,434 97	10,475 89	2,136 86	7,338 21	2,606 07
13,091 14	.....	7,489 69	69,314 53	2,739 00	537 44	37,319 59
9,639 76	16,322 59	15,861 87	99,148 17	3,532 00	7,955 34	79,313 56
18,066 24	.....	21,186 36	59,753 70	3,434 00	....	7,425 64
2,008 52	6,950 32	7,753 95	45,238 45	2,889 00	27,267 87	12,353 05
11,651 49	.....	13,332 98	77,657 76	4,107 00	3,400 87	28,212 48
16,784 78	.....	17,191 22	36,871 69	3,323 00	....	8,389 15
4,466 33	.....	4,271 37	47,396 86	3,313 00	3,952 29	37,150 85
10,017 46	97,341 43	33,610 37	377,823 03	5,833 00	352,024 89	1,069,842 74
23,559 74	.....	15,229 42	62,138 20	5,523 00	249 79	17,732 40
23,146 66	.....	3,462 63	30,345 83	2,063 00	19,561 99	17,990 74
8,361 05	14,235 74	12,927 82	39,115 86	2,577 00	731 36	32,093 21
12,129 73	.....	11,719 00	62,060 25	1,840 00	5,253 22	95,206 21
5,460 60	.....	12,825 45	64,525 52	4,222 00	1,034 96	21,895 18
21,030 42	.....	4,698 65	41,201 21	2,559 00	1,155 85	15,583 25
2,772 71	30,463 58	9,777 84	208,061 58	5,031 00	23,385 96	264,246 37
8,369 22	.....	3,938 92	24,212 29	2,162 00	2,638 85	5,650 39
1,711 23	513 30	2,971 17	25,003 73	3,298 00	2,771 56	17,398 30
239 09	.....	1,965 98	23,312 21	1,319 00	10,055 63	3,422 25
12,765 64	.....	16,916 02	61,994 83	3,890 00	1,955 18	35,655 55
1,321 79	.....	7,693 78	48,085 24	2,575 00	134 13	6,583 84
41,464 81	6,622 64	25,051 07	701,411 63	7,212 00	82,929 63	3,560,630 34
14,339 88	.....	8,849 02	43,411 28	3,478 00	21,790 15	13,531 14
42,943 12	.....	10,644 94	35,481 69	2,703 00	....	19,691 41
14,855 32	.....	8,259 39	27,177 41	2,166 00	1,300 77	6,591 61
6,145 33	.....	5,255 91	30,441 16	2,075 00	21,644 65	7,816 68
3,120 15	.....	6,155 58	50,714 88	3,039 00	355 67	23,521 12
298 58	.....	6,006 86	21,564 53	2,465 00	....	4,765 99
3,464 63	.....	6,269 35	26,160 05	2,712 00	6,639 73	2,662 68
3,436 06	.....	6,905 16	57,962 43	2,704 00	3,143 65	26,347 47
.....	.....	6,946 47	23,463 34	2,842 00	805 80	7,547 30
9,564 62	.....	9,172 88	48,545 83	2,552 00	18,000 70	22,887 57
4,284 26	8,271 95	6,572 87	40,135 54	3,271 00	1,787 86	21,926 55
2,776 28	.....	3,188 65	29,965 47	844 00	6,867 70	13,721 39
4,317 79	5,607 12	4,143 07	41,634 17	3,664 00	1,966 18	28,353 96
1,656 42	1,960 05	12,581 78	61,204 86	4,272 00	5,120 52	43,304 92
2,746 16	.....	6,974 72	52,584 20	2,653 00	8,700 82	15,335 97
3,279 87	.....	6,757 73	73,596 24	2,889 00	5,469 14	20,461 43

GRAND DUPLICATE OF OHIO—LOCAL TAXES—Continued.

Counties.	Total amount of taxes for all purposes.	Delinquent taxes and forfeitures.	County tax.	Poor tax.	Bridge tax.	Building tax.
Lucas	$915,093 60	$1,143,165 90	$14,829 78	$5,898 67	$25,954 07	$17,695 99
Madison	171,781 08	7,026 39	18,416 49	14,166 54	9,916 56	----------
Mahoning	278,700 19	10,020 93	29,959 12	13,994 56	37,486 41	----------
Marion	152,225 77	5,381 00	19,616 80	2,615 55	10,462 25	----------
Medina	122,171 40	571 91	14,881 03	1,240 07	14,881 03	----------
Meigs	141,704 09	5,811 66	18,772 33	5,119 75	5,119 75	853 27
Mercer	105,930 74	5,364 00	15,721 28	3,818 02	19,957 18	4,491 79
Miami	317,284 37	12,069 98	23,646 39	6,448 99	21,496 72	----------
Monroe	83,868 38	5,052 07	13,550 19	3,387 38	2,822 85	1,129 19
Montgomery	748,014 55	16,342 93	57,710 73	22,196 44	25,504 60	44,392 87
Morgan	118,764 45	23,349 67	15,036 08	10,972 47	8,127 61	812 46
Morrow	126,143 69	2,732 08	18,290 07	2,438 70	9,754 70	----------
Muskingum	374,590 39	6,381 31	27,896 53	20,288 38	25,366 48	48,184 92
Noble	91,633 77	2,026 12	15,570 50	3,114 10	6,228 21	3,114 10
Ottawa	125,508 92	11,140 32	16,821 27	----------	16,821 29	7,849 94
Paulding	84,857 11	68,860 96	23,085 88	3,807 96	7,139 97	2,380 01
Perry	122,232 17	1,933 01	11,480 20	8,820 93	8,830 93	2,649 25
Pickaway	218,181 69	4,618 60	23,015 45	11,507 73	19,179 57	1,917 99
Pike	80,109 85	5,059 77	12,993 92	3,118 53	4,677 78	----------
Portage	169,325 03	1,490 52	17,538 08	3,188 74	9,566 22	----------
Preble	136,091 42	2,559 95	17,761 85	7,104 70	15,985 64	----------
Putnam	127,301 06	11,907 47	17,722 01	3,429 86	14,291 05	2,286 55
Richland	280,877 41	5,634 17	28,292 16	5,528 96	10,881 60	10,881 60
Ross	271,160 67	10,481 39	21,522 51	10,761 25	15,065 76	----------
Sandusky	197,691 23	4,920 42	33,594 60	11,628 91	15,505 21	----------
Scioto	234,930 78	29,237 89	18,746 32	6,248 77	13,539 00	----------
Seneca	280,348 15	5,027 11	35,144 81	7,398 92	22,196 70	5,549 18
Shelby	153,068 76	5,016 72	17,461 39	9,700 74	14,551 18	----------
Stark	434,363 72	11,854 46	45,576 93	9,766 48	22,788 47	----------
Summit	342,212 13	6,781 00	39,732 44	8,829 45	19,866 22	6,622 22
Trumbull	243,722 66	3,589 91	25,629 90	2,943 08	39,430 62	----------
Tuscarawas	219,162 14	3,667 35	25,211 88	8,403 96	25,211 88	----------
Union	189,135 35	26,318 94	20,698 86	4,639 75	15,524 13	6,209 60
Van Wert	136,485 77	30,601 99	18,394 33	4,746 97	4,746 19	17,800 90
Vinton	68,190 09	5,652 29	14,953 24	6,355 14	1,869 16	5,607 44
Warren	233,383 70	3,436 94	23,171 17	8,425 88	10,534 35	10,532 35
Washington	207,524 01	9,916 54	25,302 54	18,976 90	6,325 64	----------
Wayne	264,449 22	3,484 32	29,971 29	13,832 89	23,054 91	11,527 45
Williams	115,631 43	1,935 88	15,500 88	3,875 24	7,750 50	----------
Wood	167,114 34	36,481 07	22,902 38	7,634 13	14,313 99	2,862 80
Wyandot	154,188 13	1,982 58	19,044 24	4,232 05	20,102 26	3,174 04
Totals	25,756,665 61	2,304,596 55	2,187,011 91	720,776 28	1,291,003 84	582,510 32

GRAND DUPLICATE OF OHIO—LOCAL TAXES—Continued.

Road tax.	All debts that the county is responsible for.	Township tax.	Township and sub-district school, schoolhouse, and all taxes for school purposes.	Dog tax (at $1 each).	Other special taxes.	City, town, and village taxes.
$5,182 08	$21,235 14	$7,638 44	$136,876 46	$2,329 00	$230,113 20	$348,916 36
10,058 17	7,163 58	8,157 16	41,198 38	2,471 00	904 82	18,245 45
13,051 92	.....	7,038 63	58,314 50	3,863 00	4,387 44	55,218 31
14,104 94	.....	9,255 65	43,375 24	2,427 00	657 39	11,819 17
1,301 98	.....	5,057 56	37,601 29	2,215 00	5,894 17	3,436 84
9,608 63	.....	10,964 25	33,646 53	2,762 00	.....	30,112 26
7,519 37	1,122 95	9,728 65	24,167 52	2,621 00	2,560 81	3,186 07
28,124 39	.....	12,148 53	81 755 71	4,011 00	10,748 36	66,568 37
8,684 76	.....	5,844 42	26,543 42	3,612 00	.....	1,921 80
24,652 42	.....	17,082 27	179,926 18	6,359 91	36,238 92	205,210 89
16,376 27	.....	2,913 48	30,930 10	2,407 00	4,126 40	2,492 22
11,269 68	.....	5,363 34	31,646 13	2,075 00	2,350 62	7,594 65
.....	.....	8,009 83	69,818 25	5,002 00	7,421 90	89,062 63
13,512 72	.....	3,560 60	24,535 32	2,573 00	539 72	823 70
7,165 14	2,803 56	2,847 48	29,999 11	1,733 00	16,242 74	6,964 85
6,978 18	.....	3,827 01	17,407 25	1,477 00	10,975 70	875 21
1,056 37	.....	5,675 32	42,135 84	2,520 00	4,408 57	9,035 00
12,544 75	3,835 97	13,328 23	54,561 28	3,762 00	.....	18,908 00
6,330 39	.....	4,364 46	26,404 86	2,776 00	.....	4,370 95
10,690 04	.....	6,644 36	43,195 48	2,536 00	16,203 62	19,525 73
8,880 90	.....	5,068 30	49,783 11	2,888 00	17,077 68	10,031 95
9,888 64	.....	4,376 57	29,930 30	2,725 00	20,591 47	5,481 96
12,466 17	.....	13,363 58	67,657 58	3,414 00	2,030 50	62,247 98
.....	36,588 27	10,229 16	63,228 33	4,259 00	14,682 96	32,407 76
9,446 24	1,292 07	10,554 08	44,658 88	2,483 00	3,428 94	27,628 42
41,058 45	4,165 85	4,927 20	49,474 08	2,710 00	8,331 69	54,927 02
12,220 45	5,549 18	11,134 57	63,229 53	3,587 00	8,043 92	52,651 82
19,401 48	.....	14,940 24	30,122 97	3,168 00	738 09	14,852 51
15,158 35	.....	18,384 62	101,022 36	6,043 00	32,160 80	89,083 36
12,680 76	.....	7,080 69	86,613 21	2,314 00	3,929 14	90,530 65
2,646 92	5,914 57	8,501 41	60,059 37	4,370 00	5,133 77	30,918 62
12,258 12	.....	13,801 59	61,710 53	4,410 00	.....	19,411 23
10,349 42	.....	8,038 26	48,927 10	2,357 00	32,304 71	10,073 19
11,527 26	.....	9,052 76	31,525 66	2,529 00	6,514 53	12,439 62
4,878 52	.....	2,564 08	15,565 55	1,696 00	6,568 54	1,291 33
17,198 99	.....	11,851 07	50,993 50	3,214 00	12,638 82	23,737 93
7,636 93	12,651 27	9,107 45	51,232 22	4,631 00	59 55	34,911 83
1,768 69	11,527 46	11,223 37	58,894 28	4,554 00	4,516 64	26,719 16
.....	.....	21,521 01	31,984 62	2,305 00	705 28	9,511 42
10,432 97	.....	13,993 38	45,842 39	3,495 00	5,188 42	12,975 17
8,735 49	.....	11,457 54	39,291 50	2,697 00	2,297 65	12,473 98
1,054,140 02	318,955 99	820,519 26	5,418,104 28	276,952 07	1,238,913 43	7,397,436 57

ABSTRACT OF MERCHANTS AND MANUFACTURERS' STOCK, MONEYS AND CREDITS, STOCKS, BONDS, AND OTHER TAXABLE PROPERTY AS RETURNED BY TOWNSHIP ASSESSORS, ETC., AND EQUALIZED BY COUNTY BOARDS.

Counties.	Merchants' stock.	Manufacturers' stock.	Value of all moneys in possession or on deposit, subject to order.	Value of all credits after deducting all bona fide debts.	All moneys invested in bonds, stocks, joint-stock companies, annuities, or otherwise.	Bonds or stocks of any State or of any company or corporation not required to list its property for taxation in Ohio.	Other personal property subject to taxation and not included in enumerated articles, including bank capital and corporation property.	Bank and other corporation property returned to county auditors.
Adams	$112,196	$19,902	$163,299	$563,359	$35,911	$18,482	$110,134	$55,660
Allen	251,068	48,467	181,550	492,985	11,336	4,590	257,974	238,325
Ashland	195,298	32,685	413,498	985,139	74,125	10	264,102	638,382
Ashtabula	264,493	69,647	135,177	802,054	85,274	1,350	171,773	------ ----
Athens	178,155	16,859	101,456	553,244	23,005	9,010	107,566	902,304
Auglaize	143,080	58,373	265,849	257,300	8,625	5,400	180,638	294,371
Belmont	417,455	123,083	544,707	1,693,443	68,317	25,183	497,007	------ ----
Brown	189,309	44,315	194,307	679,730	56,299	6,718	361,731	284,927
Butler	450,970	235,541	950,866	2,936,931	123,126	46,970	923,818	1,403,126
Carroll	93,945	9,752	164,479	819,608	500	------ ------	109,731	---- ------
Champaign	332,404	142,071	367,857	1,639,405	91,558	5,470	626,586	------ ----
Clarke	568,729	213,577	715,682	2,331,117	467,114	29,570	749,478	2,914,099
Clermont	204,366	49,417	242,260	933,058	62,240	5,325	379,061	41,230
Clinton	227,167	41,290	158,887	1,058,981	26,368	1,052	365,210	643,788
Columbiana	493,464	130,426	503,292	1,450,561	59,932	3,235	342,438	------ ----
Coshocton	179,352	51,256	408,149	907,322	16,590	1,081	217,997	449,399
Crawford	282,154	60,877	463,865	957,875	39,770	6,400	350,938	1,732,620
Cuyahoga	3,219,792	1,621,841	1,228,847	3,304,476	1,356,774	1,154,179	1,958,040	2,103,762
Darke	303,966	54,759	169,683	1,343,075	40,619	235	656,951	1,608,290
Defiance	124,513	53,608	32,536	197,433	5,200	------ ------	112,379	581,338
Delaware	310,660	35,682	290,191	1,134,429	74,248	1,544	308,953	------ ----
Erie	351,797	102,041	154,142	455,044	30,960	8,490	378,617	---- ------
Fairfield	301,605	44,271	223,130	1,765,244	13,770	5,735	544,246	969,660
Fayette	201,265	18,387	209,906	605,793	6,589	816	335,229	172,512
Franklin	1,645,278	600,550	901,092	2,722,368	$46,151	63,433	1,135,991	------ ----

	62,063	9,995	14,787	195,362	720	50	81,250	1,227
Fulton	243,670	12,177	224,819	501,398	35,571	40,750	188,300	215,580
Gallia	78,044	25,827	183,104	641,681	15,600	....	186,743	8,064
Geauga	385,735	79,869	516,110	2,197,066	118,582	17,945	688,851	1,211,129
Greene	202,391	11,497	165,405	737,464	20,007	7,065	106,975	1,309
Guernsey	13,422,318	4,371,429	2,254,535	5,679,218	1,867,435	325,066	3,466,149	9,420,221
Hamilton	206,095	30,885	90,909	960,499	3,535	480	271,169	285,263
Hancock	167,342	39,364	106,238	293,858	2,035	1,262	168,449	35,570
Hardin	149,220	23,543	258,019	1,546,258	40,730	500	201,010	78,610
Harrison	60,355	22,123	34,881	71,639	1,330	....	93,010	10,272
Henry	286,499	63,581	162,607	1,575,471	45,337	8,099	274,407	309,933
Highland	73,049	33,454	89,380	325,174	15,950	430	111,800	654,470
Hocking	88,242	16,947	278,634	784,236	7,155	....	203,491	448,348
Holmes	274,010	57,917	179,265	1,446,531	42,280	550	339,049	29,298
Huron	101,535	92,394	158,800	261,585	4,694	50	72,339	462,079
Jackson	331,285	68,850	433,961	1,049,021	102,529	8,950	260,111	942,700
Jefferson	281,693	50,558	169,387	1,516,837	23,969	1,225	308,953	....
Knox	156,520	36,304	285,930	731,754	56,000	4,700	197,002	1,492,842
Lake	202,264	136,013	334,826	475,103	129,633	39,224	312,389	687,773
Lawrence	473,017	76,319	182,799	2,243,367	61,345	1,200	462,576	....
Licking	288,034	34,612	290,133	1,122,387	12,200	2,475	393,094	917,730
Logan	248,245	54,718	179,905	1,243,559	61,650	....	420,057	....
Lorain	782,811	124,054	143,538	264,332	49,793	39,712	466,947	3,615,606
Lucas	213,126	19,657	237,200	1,019,250	22,445	5,015	267,481	891,814
Madison	268,541	115,311	659,861	1,056,851	270,378	29,900	268,098	1,566,392
Mahoning	203,208	30,861	270,831	924,715	31,567	....	293,625	1,427,926
Marion	178,766	31,877	67,947	1,501,049	12,755	893	200,033	393,589
Medina	230,710	61,148	158,999	519,454	39,588	37,665	259,384	19,601
Meigs	70,487	28,173	101,493	234,466	12,060	20	136,512	42,410
Mercer	422,713	155,656	397,544	1,615,635	69,766	19,616	795,342	1,292,796
Miami	117,390	23,473	173,684	433,967	36,836	75	100,673	....
Monroe	1,348,911	561,886	1,499,788	3,360,441	502,148	63,684	1,299,809	2,874,342
Montgomery	171,013	31,147	145,882	828,765	17,430	5,705	254,462	263,010
Morgan	164,396	13,168	120,824	1,038,882	6,655	4,200	217,320	163,598
Morrow	751,035	193,017	560,396	2,309,339	172,233	42,988	578,572	1,118,589
Muskingum	75,113	15,374	124,613	394,809	1,930	....	72,780	157,739
Noble	79,802	61,164	39,740	187,881	12,720	781	163,813	1,360,736
Ottawa	24,459	46,720	14,596	31,952	675	....	51,055	....
Paulding	145,481	16,515	109,897	746,218	23,342	250	119,985	532,180
Perry	261,696	97,943	322,520	1,359,092	36,780	9,580	445,191	106,379
Pickaway	117,942	45,356	254,020	337,871	17,510	....	243,871	235,795
Pike	253,315	47,977	438,640	1,455,515	....	34,629	339,177	365,000
Portage								

ABSTRACT OF MERCHANTS' AND MANUFACTURERS' STOCK, MONEYS AND CREDITS, ETC.—Continued.

Counties.	Merchants' stock.	Manufacturers' stock.	Value of all moneys in possession or on deposit, subject to order.	Value of all credits after deducting all bona fide debts.	All moneys invested in bonds, stocks, joint-stock companies, annuities, or otherwise.	Bonds or stocks of any State or of any company or corporation not required to list its property for taxation in Ohio.	Other personal property subject to taxation and not included in enumerated articles, including bank capital and corporation property.	Bank and other corporation property returned to county auditors.
Preble	252,175	39,524	229,309	1,693,690	60,029	2,542	599,226	694,703
Putnam	100,858	19,730	110,922	324,208	7,621	350	123,064	4,842
Richland	503,382	236,438	323,895	1,895,516	52,085	46,618	437,115	.....
Ross	607,343	120,124	553,839	1,852,007	113,812	4,727	704,124	1,277,794
Sandusky	218,066	62,020	278,844	776,655	19,540	7,100	259,287	1,350,391
Scioto	409,973	106,992	344,186	478,125	47,863	15,384	300,068	.....
Seneca	372,617	70,373	455,472	1,306,000	24,652	8,855	439,023	.....
Shelby	173,817	31,968	149,094	517,281	59,985	7,665	319,755	894,010
Stark	681,410	241,783	680,969	2,591,383	311,416	24,305	772,406	.....
Summit	508,891	403,480	378,767	1,914,142	185,969	26,720	540,672	139,957
Trumbull	330,234	104,402	257,444	1,234,822	28,352	79,918	300,483	446,727
Tuscarawas	280,548	62,161	180,842	1,301,211	36,840	4,700	273,137	868,153
Union	152,481	25,975	198,983	583,537	12,214	2,450	217,626	40,143
Van Wert	112,821	23,154	129,226	188,545	5,724	.....	127,308	1,025,304
Vinton	63,450	12,037	60,238	214,432	3,935	511	62,502	.....
Warren	316,721	71,210	364,147	2,117,037	385,416	9,415	615,729	1,270,358
Washington	357,416	80,724	187,880	1,113,044	47,500	6,707	341,344	550,877
Wayne	407,934	103,802	357,650	4,626,512	76,633	21,734	581,095	.....
Williams	144,274	15,057	61,128	427,536	6,561	10	150,356	648,625
Wood	150,563	27,886	93,558	225,942	11,383	28,010	156,079	3,050
Wyandot	199,290	26,623	167,169	669,017	13,592	5,100	215,384	47,290
Totals	$41,049,882	$12,841,924	$27,259,249	$100,128,426	$9,369,320	$2,461,738	$31,393,015	$57,835,937

Warren city.....	Trumbull ...	2,246,575	24.3	6,018 95	45,953 04	60,988 02	31,000 00	2,243,647	21.49	45,000 00
Washington C.H.	Fayette	1,468,257	21.9	4,257 94	20,8.6 88	32,154 82	19,889 75	1,601,840	25.	40,046 00
Wooster city	Wayne	2,292,043	23 8	6,647 30	47,903 32	54,550 62	62,681 86	2,305,495	25.4	58,559 57
Xenia city	Greene	3,411,712	19 5	9,893 97	56,634 41	66,528 38	57,033 34	3,378,935	19.8	66,902 92
Youngstown city.	Mahoning ...	4,459,340	25.4	7,134 94	106,132 29	113,267 23	168,720 59	4,477,648	24 4	108,278 61
Zanesville city ...	Muskingum..	7,122,850	23.5	20,656 26	146,750 71	167,386 97	535,043 18	7,280,180	23.2	168,900 18
Totals.....	.....	433,845,683	25.789	1,252,355 45	9,935,962 10	11,188,317 55	36,870,274 86	438,057,211	25.489	11,165,440 04

TABLE SHOWING THE AGGREGATE NET AMOUNT OF DEBTS OF ALL THE COUNTIES, TOWNSHIPS, CITIES, AND INCORPORATED VILLAGES AND SEPARATE SCHOOL DISTRICTS IN THE STATE, AS REPORTED IN PURSUANCE OF THE ACT OF MAY 3, 1873, FOR THE YEAR 1879, AND AS COMPARED WITH THE AGGREGATE DEBTS OF 1878.

Counties.	Debts of counties.	Debts of townships.	Debts of cities and villages.	Debts of separate school districts.	Total, 1879.	Total, 1878.
Adams	$3,740 00				$3,740 00	$20,837 00
Allen		$36,500 00	$1,176 00	$3,000 00	40,676 00	48,464 00
Ashland			5,200 00	12,900 00	18,100 00	11,400 00
Ashtabula				3,898 85	3,898 85	
Athens	23,700 00		27,350 00		51,050 00	39,975 00
Auglaize	42,000 00		6,352 00	36,144 00	84,496 00	117,052 00
Belmont			115,758 48	37,242 19	153,000 67	139,803 31
Brown			23,700 00		23,700 00	25,000 00
Butler	25,250 00	3,581 00	119,660 00	34,380 00	182,871 00	196,770 26
Carroll						
Champaign	70,000 00		52,440 00	64,910 00	187,350 00	208,866 00
Clarke	135,264 00	6,707 00	36,314 00	31,000 00	209,285 00	128,490 00
Clermont	9,500 00	7,500 00	1,200 00	4,700 00	22,900 00	20,704 03
Clinton	31,500 00		9,000 00		40,500 00	43,500 00
Columbiana		3,490 00	36 990 00	32,400 00	72,880 00	48,411 00
Coshocton			5,000 00	6,000 00	11,000 00	13,000 00
Crawford			82,971 93	10,250 00	93,221 93	102,350 00
Cuyahoga	254,131 72		3,744,479 00	16,197 57	4,014,808 29	3,909,041 94
Darke	39,000 00			39,389 00	78,389 00	42,550 00
Defiance			14,168 19	14,515 62	28,683 81	27,365 62
Delaware	46,700 00		30,128 61	3,088 89	79,917 50	73,656 66
Erie	12,400 00	10,228 05	440,094 34	44,315 52	507,037 91	554,733 00
Fairfield			23,879 46	14,030 12		
Fayette						

Guernsey	[illegible]	[illegible]	4,600 00	29,135 00	33,735 00	37,638 40
Hamilton	277,4.1 35	[illegible]	23,285,002 71	12,068 24	23,574,542 90	22,934,387 85
Hancock	14,000 00	35,000 00	2,606 80	[illegible]	51,606 80	47,534 98
Hardin	176,500 00	[illegible]	30,686 00	19,000 00	226,186 00	198,382 84
Harrison	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,850 00
Henry	43,000 00	[illegible]	6,000 00	32,500 00	81,500 00	33,000 00
Highland	[illegible]	[illegible]	51,750 00	[illegible]	51,750 00	34,295 15
Hocking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Holmes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,505 59
Huron	[illegible]	[illegible]	39,930 23	[illegible]	39,930 23	77,281 84
Jackson	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,633 32
Jefferson	[illegible]	8,918 05	32,871 31	5,843 66	47,663 02	55,533 49
Knox	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13,500 00
Lake	2,762 39	2,083 00	7,487 64	2,602 31	14,935 34	12,716 43
Lawrence	71,997 43	[illegible]	242,700 38	[illegible]	314,697 81	326,211 40
Licking	125,000 00	[illegible]	46,967 00	3,500 00	175,467 00	167,353 99
Logan	88,604 76	1,850 00	22,718 29	39,658 44	152,831 49	190,734 86
Lorain	[illegible]	[illegible]	[illegible]	36,500 00	36,500 00	35,960 00
Lucas	89,814 58	[illegible]	3,039,736 44	330,247 75	3,459,798 77	3,697,033 81
Madison	7,157 00	[illegible]	[illegible]	[illegible]	7,157 00	18,389 94
Mahoning	[illegible]	[illegible]	168,720 69	12,400 00	181,120 69	215,466 66
Marion	28,475 00	[illegible]	1,600 00	2,899 23	32,974 23	46,168 28
Medina	[illegible]	[illegible]	18,263 00	6,000 00	24,263 00	22,763 00
Meigs	[illegible]	[illegible]	160,000 00	5,450 00	165,450 00	164,150 00
Merber	10,000 00	[illegible]	1,000 00	15,850 00	26,850 00	37,850 00
Miami	48,700 00	2,200 00	356,250 88	5,145 00	412,295 88	406,383 93
Monroe	[illegible]	2,900 00	[illegible]	7,657 71	10,557 71	8,859 67
Montgomery	36,407 35	[illegible]	1,125,204 12	[illegible]	1,161,611 47	1,221,361 88
Morgan	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Morrow	[illegible]	[illegible]	7,958 47	9,100 00	17,058 47	20,155 55
Muskingum	125,000 00	[illegible]	535,043 18	28,834 01	688,877 19	691,985 18
Noble	1,700 00	[illegible]	[illegible]	4,355 69	6,055 69	2,600 00
Ottawa	3,617 65	1,800 00	6,000 00	8,340 52	19,758 17	25,425 00
Paulding	65,000 00	[illegible]	[illegible]	11,500 00	76,500 00	76,478 00
Perry	[illegible]	[illegible]	[illegible]	5,000 00	5,000 00	11,658 55
Pickaway	2,850 00	[illegible]	2,000 00	[illegible]	4,850 00	10,270 00
Pike	8,000 00	[illegible]	[illegible]	[illegible]	8,000 00	[illegible]
Portage	[illegible]	[illegible]	3,000 00	8,250 00	11,250 00	18,700 00
Preble	22,980 63	2,000 00	2,500 00	2,142 80	29,623 43	7,247 05
Putnam	26,600 00	1,250 00	[illegible]	[illegible]	27,850 00	35,000 00
Richland	[illegible]	1,214 00	185,700 00	8,208 00	195,122 00	206,400 00
Ross	89,001 65	[illegible]	2,410 77	[illegible]	91,412 42	115,347 63

TABLE SHOWING THE AGGREGATE NET AMOUNT OF DEBTS OF ALL THE COUNTIES, ETC.—Continued.

Counties.	Debts of counties.	Debts of townships.	Debts of cities and villages.	Debts of separate school districts.	Total, 1879.	Total, 1878.
Sandusky	$6,000 00	$1,200 00	$87,000 00	$5,932 00	$100,192 00	$94,362 50
Scioto	224,084 94		282,348 75	48,900 00	555,333 69	555,617 97
Seneca	10,333 45		66,195 90	30,000 00	106,529 35	82,445 04
Shelby	40,000 00	17,900 00	54,900 00	3,500 00	116,300 00	176,800 00
Stark	62,803 00	1,500 00	244,666 97	82,419 01	391,388 98	346,851 60
Summit		8,100 00	16,581 21	25,684 26	50,365 47	71,737 00
Trumbull	5,000 00		31,000 00	16,473 00	52,473 00	55,362 00
Tuscarawas	6,700 00		17,626 25	51,867 84	76,194 09	94,200 00
Union	91,849 00		11,500 00	22,000 00	125,349 00	218,759 49
Van Wert	100,000 00		13,000 00	9,000 00	122,000 00	138,000 00
Vinton						
Warren	1,900 00		25,771 61	1,215 00	28,886 61	35,534 70
Washington	15,816 13		177,526 35	11,636 41	204,978 89	229,163 06
Wayne	67,000 00		56,181 86	17,500 00	140,681 86	124,258 82
Williams			2,500 00	6,698 00	9,198 00	9,000 00
Wood	100,000 00		15,098 00	22,796 00	137,894 00	82,267 91
Wyandot			2,000 00	4,050 16	6,050 16	4,075 77
Totals	$2,872,834 49	$161,321 10	$37,005,221 62	$1,451,197 32	$11,490,574 53	$41,205,840 62

Tabular statement of the valuations, rates of taxation, and tax levies for the several cities, and eleven of the other principal towns of the State of Ohio, for the year 1879, together with the rates, aggregate valuations, and total levies for the previous year, to which is also added the reported indebtedness of the same.

Cities and Towns.	Counties.	Valuation and taxation for 1879.					Indebtedness September 1, 1879, including debts of separate school districts.	Valuation and taxation for 1878.		
		Total value of property in 1879.	Total rate of taxation, including 2 9-10 mills for State purposes.	Amount of State tax.	Amount of local tax.	Total taxes for all purposes.		Total valuation of property in 1878.	Total rate of taxation, including 2 9-10 mills for State purposes.	Total taxes for all purposes.
			Mills.						*Mills.*	
Akron city	Summit	$6,755,170	22 5	$19,590 00	$132,401 32	$151,991 32	$36,581 21	$6,865,337	19.5	$132,423 83
Bellefontaine	Logan	1,547,280	22.9	4,487 11	30,945 00	35,432 71	52,274 73	1,561,430	23 5	35,912 89
Canton city	Stark	5,056,070	21.4	14,662 60	93,537 29	108,199 89	199,465 37	5,059,270	21.7	109,786 15
Chillicothe city	Ross	4,732,745	18.9	13,724 95	75,723 93	89,448 88	2,410 77	4,741,305	19.	90,084 80
Cincinnati city	Hamilton	169,305,635	28.98	490,986 34	4,415,490 66	4,906,577 00	23,281,204 39	172,874,068	28.54	4,933,825 90
Circleville city	Pickaway	2,997,367	17 5	8,692 37	43,761 55	52,453 92	2,000 00	3,073,479	20.	61,469 50
Cleveland city	Cuyahoga	70,548,104	25 4	204,589 63	1,587,332 21	1,791,921 84	3,699,129 00	70,138,639	25.5	1,788,560 79
Columbus city	Franklin	27,539,382	21 2	79,574 20	502,140 69	581,714 89	1,518,365 88	27,199,293	20.	543,985 86
Dayton city	Montgomery	18,888,279	22 3	55,775 98	356,432 44	421,208 42	1,112,554 12	18,973,020	22 1	419,303 74
Delaware city	Delaware	3,461,102	19.	10,037 19	55,723 75	65,760 93	30,128 00	3,504,712	18.75	65,713 36
East Cleveland	Cuyahoga	1,427,192	9.4	4,138 51	9,277 09	13,415 60	1,800 00	1,496,940	8 50	11,723 99
Elyria	Lorain	1,920,558	20.	5,569 61	32,851 55	38,411 16	....	1,910,439	16.	30,557 02
Fremont city	Sandusky	1,931,996	22.7	5,602 80	38,253 50	43,856 30	54,000 00	1,927,974	22	42,437 42
Gallipolis city	Gallia	1,922,450	21.3	5,575 11	33,373 07	40,948 18	133,842 39	1,996,103	22.2	44,313 48
Hamilton city	Butler	6,194,468	23.	17,963 93	124,508 65	142,472 58	73,993 00	6,178,684	22 1	136,548 91
Ironton city	Lawrence	2,826,612	25.64	8,197 16	75,277 17	72,474 33	242,700 38	2,788,253	24.2	67,475 72
Lancaster city	Fairfield	2,675,020	22.1	7,757 56	51,360 38	59,117 94	37,909 58	2,608,880	24.2	63,134 90

BANKS AND BONDS.

BANKS.

TABLE EXHIBITING THE NUMBER OF BANKS AND THEIR CAPITAL STOCK IN EACH COUNTY IN OHIO, AS RETURNED TO THE COUNTY AUDITORS, FOR THE YEAR ENDING APRIL 12, 1879.

Counties.	National banks.		Banks incorporated under act of February 24, 1845.†		Savings banks incorporated under act of February 26, 1875.		Private banks.		Total.	
	No.	Capital.	No.	Capital.	No.	Capital.	No.	Capital.	No.	Capital.
Adams	1	$50,000					1	$20,000	2	$70,000
Allen	2	155,000	1	$50,000			6	67,000	9	272,000
Ashland	1	50,000	1	11,250			1	35,525	3	96,775
Ashtabula	5	431,000			3	$161,600	2	11,422	10	604,022
Athens	1	50,000	1	30,000			1	50,000	3	130,000
Auglaize							4	57,443	4	57,443
Belmont	4	500,000	2	100,000					6	600,000
Brown	2	200,000							2	200,000
Butler	4	326,000					4	97,870	8	423,870
Carroll							2	41,761	2	41,761
Champaign	4	400,000					1	10,000	5	410,000
Clarke	4	900,000					1	100,000	5	1,000,000
Clermont	2	200,000					1	5,000	3	205,000
Clinton	2	200,000					2	45,000	4	245,000
Columbiana	5	305,000					5	65,000	10	370,000
Coshocton	1	43,000					1	11,510	2	54,510
Crawford	3	210,000	4	70,000					7	280,000
Cuyahoga	7	4,000,000					9	90,000	16	4,090,000
Darke	1	84,000					3	59,500	4	143,500
Defiance	1	100,000			1	50,000			2	150,000
Delaware	2	200,000					1	18,550	3	218,550
Erie	3	300,000							3	300,000
Fairfield	1	80,000								

Guernsey	3	350,000							3	350,000
Hamilton	9	4,450,000	4	747,592			9	625,067	22	5,822,659
Hancock	1	50,000							1	50,000
Hardin					2	50,000	3	800	5	50,800
Harrison	2	220,000			1	50,000	4	110,000	7	380,000
Henry							2	*		
Highland	2	200,000			3	128,000			5	328,000
Hocking	1	50,000					1	50,000	2	100,000
Holmes							2	45,000	2	45,000
Huron	4	250,000			1	80,000	1	15,000	6	345,000
Jackson	1	50,000					1	32,000	2	82,000
Jefferson	4	525,000					2	85,000	6	610,000
Knox	2	150,000					1	25,000	3	175,000
Lake	1	200,000	1	50,000	1	160,000	1	40,000	4	450,000
Lawrence	2	550,000					1	7,000	3	557,000
Licking	1	100,000					2	41,000	3	141,000
Logan	1	100,000					5	41,970	6	141,970
Lorain	3	250,000			1	50,000	1	*	5	300,000
Lucas	6	1,048,260			1	30,175			7	1,128,435
Madison	1	120,000	1	54,000			3	40,000	5	214,000
Mahoning	3	929,000	1	25,000			2	160,000	6	1,114,000
Marion							4	225,324	4	225,324
Medina	1	75,000					3	3,000	4	78,000
Meigs	1	200,000					1	806	2	200,806
Mercer							2	10,160	1	10,160
Miami	3	500,000					2	65,750	5	565,750
Monroe			1	50,000					1	50,000
Montgomery	4	825,000			1	30,000	2	39,698	7	894,698
Morgan	2	175,000			3	108,403			5	283,403
Morrow	2	160,000	1	25,000					3	185,000
Muskingum	1	200,000			1	200,000	3	98,020	7	498,020
Noble	2	120,000							2	120,000
Ottawa							2	10,000	2	10,000
Paulding*										
Perry							1	42,500	1	42,500
Pickaway	2	365,000							2	389,000
Pike							2	*	2	*
Portage	4	450,000					1	12,600	5	462,600
Preble	1	100,000					1	80,000	2	180,000
Putnam							3	*	3	*
Richland	2	150,000			1	65,000	2	12,000	5	227,000

TABLE EXHIBITING THE NUMBER OF BANKS AND THEIR CAPITAL STOCK, ETC.—Continued.

Counties,	National banks.		Banks incorporated under act of February 24, 1845.†		Savings banks incorporated under act of February 26, 1875.		Private banks.		Total.	
	No.	Capital.	No.	Capital.	No.	Capital.	No.	Capital.	No.	Capital.
Ross	2	$300,000	.....	.....	.....	.....	3	$35,441	5	$335,441
Sandusky	2	150,000	.....	.....	.....	.....	1	10,000	3	160,000
Scioto	3	700,000	.....	.....	1	$50,000	.....	.....	4	750,000
Seneca	2	175,000	1	$100,000	.....	.....	1	30,000	4	305,000
Shelby	.....	.....	.....	.....	.....	.....	2	155,600	2	155,600
Stark	5	475,000	.....	.....	1	17,532	4	15,652	10	508,184
Summit	2	250,000	.....	.....	1	75,000	3	224,000	6	549,000
Trumbull	3	1,487,481	.....	.....	2	124,651	.....	.....	5	1,612,132
Tuscarawas	1	50,000	.....	.....	.....	.....	6	186,400	7	236,400
Union	.....	.....	.....	.....	.....	.....	6	75,000	6	75,000
Van Wert	1	60,000	.....	.....	.....	.....	.....	.....	1	60,000
Vinton	1	50,000	.....	.....	.....	.....	.....	.....	1	50,000
Warren	4	257,500	.....	.....	.....	.....	2	34,904	6	292,404
Washington	1	150,000	.....	.....	.....	.....	2	58,631	3	208,631
Wayne	2	103,900	.....	.....	.....	.....	2	32,000	4	135,900
Williams	1	60,000	.....	.....	.....	.....	1	30,000	2	90,000
Wood*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyandot	1	105,000	.....	.....	.....	.....	5	42,110	6	147,110
Totals	165	$25,960,981	†19	†$1,312,542	27	$1,575,361	173	$4,407,794	384	$33,256,078

* Not reported.

† The reports of county auditors concerning banks organized under this act are probably erroneous in number and amount of capital, as but few of the banks organized under the act of 1845 are now in existence. The Auditor of State reports thirty-four banks (aside from National Banks, Loan Associations, etc.), with an aggregate capital of $1,878,874, and total assets of $6,506,088

COMPARATIVE SUMMARY OF TAXABLE PROPERTY ON THE GRAND DUPLICATE OF OHIO.

Description of property.	Number.	Value.
Number of acres and value of lands in Ohio	25,376,264	$716,111,437
Total value of real estate in cities, towns, and villages in Ohio		377,657,467
Total value of chattel property		442,979,885
Total		$1,536,748,789

COMPARATIVE SUMMARY OF CHATTEL PROPERTY IN OHIO AS REPORTED BY TOWNSHIP ASSESSORS TO COUNTY AUDITORS.

Description of property.	Number.	Value.
Number and value of horses in Ohio	730,642	$34,705,410
Number and value of cattle in Ohio	1,630,004	24,765,607
Number and value of mules in Ohio	26,793	1,351,001
Number and value of sheep in Ohio	4,267,261	9,311,972
Number and value of hogs in Ohio	2,041,649	4,849,445
Number and value of dogs in Ohio	272,084	* 373,624
Total value of domestic animals in Ohio		$75,357,059
Number and value of carriages in Ohio	404,078	$13,991,287
Number and value of watches in Ohio	108,621	2,291,080
Number and value of pianos and organs in Ohio	54,466	4,1[illegible]7,975
Value of other personal property subject to taxation, and not included in the enumerated articles, including bank capital and corporation property		34,393,015
Total value of merchants' stock in Ohio		41,049,882
Total value of manufacturers' stock in Ohio		12,841,924
Total value of capital of brokers, stock jobbers, etc., not included above		908,758
Total value of moneys on hand subject to order		27,259,249
Total value of all credits, after deducting debts		100,128,426
Total value of moneys invested in bonds, stocks, joint stock companies, annuities, etc		9,369,320
Total value of bonds, stocks, etc., held in Ohio, but not required to be listed for taxation in Ohio		2,461,738
Bank and other corporation property returned to county auditors and not enumerated above		† 57,835,937

* Owners' valuation. † Incomplete—not fully reported.

VALUATION OF NATIONAL BANKS, ETC — Continued.

Name of bank.	Location.	County.	Number of shares.	Par value of each share.	County Board of Equalization.		State Board of Equalization.		Assessed value of real estate owned by each bank.	Total valuation of each bank for taxation.
					Valuation of each share for taxation, exclusive of real estate.	Valuation of each bank for taxation, exclusive of real estate.	Valuation of each share for taxation, exclusive of real estate	Valuation of each bank for taxation, exclusive of real estate.		
First National	Springfield	Clarke	4,000	$100	$119 00	$476,000 00	$95 00	$380,000 00	$250 00	$380,250
Second "	"	"	1,000	100	155 00	155,000 00	138 00	138,000 00	.....	138,000
Lagonda "	"	"	1,000	100	94 00	94,000 00	77 00	77,000 00	.....	77,000
Mad River "	"	"	3,000	100	114 00	342,000 00	91 00	273,000 00	.....	273,000
First "	Batavia	Clermont	1,000	100	85 00	85,000 00	89 00	89,000 00	4,900 00	93,900
" "	New Richmond	"	1,000	100	88 00	88,000 00	97 00	97,000 00	10,000 00	107,000
" "	Wilmington	Clinton	1,000	100	93 46	93,462 00	103 00	103,000 00	6,538 00	109,538
Clinton Co "	"	"	1,000	100	82 36	82,361 00	80 00	80,000 00	7,639 00	87,639
First "	East Liverpool	Columbiana	500	100	85 00	52,500 00	86 00	43,000 00	4,170 00	47,170
" "	New Lisbon	"	500	100	80 00	40,000 00	79 00	39,500 00	2,045 00	41,545
" "	Salem	"	1,250	100	90 00	112,500 00	90 00	112,500 00	800 00	113,300
Farmers' "	"	"	2,000	100	95 00	190,000 00	88 00	176,000 00	4,360 00	180,360
First "	Wellsville	"	500	100	75 00	37,500 00	81 00	40,500 00	5,500 00	46,000
" "	Coshocton	Coshocton	500	100	100 00	50,000 00	86 00	43,000 00	.....	43,000
" "	Bucyrus	Crawford	1,000	100	100 00	100,000 00	89 00	89,000 00	5,910 00	94,910
Citizens' "	Galion	"	600	100	100 00	60,000 00	90 00	54,000 00	3,300 00	57,300
First "	"	"	500	100	100 00	50,000 00	80 00	40,000 00	6,800 00	46,800
" "	Cleveland	Cuyahoga	3,000	100	62 00	186,000 00	93 00	279,000 00	37,400 00	316,400
" "	Berea	"	500	100	56 00	28,000 00	86 00	43,000 00	3,940 00	46,940
Second "	Cleveland	"								

Farmers' National	Greenville	Darke	240	$100	$120 00	$100,800 00	$99 00	$83,160 00	$4,160 00	$85,340
Defiance "	Defiance	Defiance	1,000	100	58 00	58,000 00	91 00	91,000 00		91,000
First "	Delaware	Delaware	1,000	100	100 00	100,000 00	86 00	86,000 00	4,860 00	90,860
Delaware Co. "	"	"	1,000	100	100 00	100,000 00	87 00	87,000 00	7,930 00	94,930
First "	Sandusky	Erie	1,000	100	71 12	71,120 00	86 00	86,000 00	3,880 00	89,880
Second "	"	"	1,000	100	71 77	71,775 00	86 00	86,000 00	3,225 00	89,225
Third "	"	"	1,000	100	63 49	63,493 00	86 00	86,000 00	1,507 00	87,507
Hocking Valley National	Lancaster	Fairfield	800	100	95 16	76,130 00	96 00	76,800 00	3,870 00	80,670
First National	Columbus	Franklin	3,000	100	100 00	300,000 00	98 00	294,000 00	22,000 00	316,000
Franklin National	"	"	1,000	100	50 00	50,000 00	25 00	25,000 00		25,000
National Exchange	"	"	1,000	100	150 00	150,000 00	108 00	108,000 00		108,000
First National	Gallipolis	Gallia	1,000	100	105 00	105,000 00	102 00	102,000 00	608 00	102,608
Centreville National	Centreville	"	500	100	87 50	43,750 00	87 00	43,500 00		43,500
First "	Xenia	Greene	1,200	100	67 00	80,400 00	68 00	81,600 00	39,460 00	121,060
Second "	"	"	1,000	100	108 00	108,000 00	78 00	78,000 00	11,400 00	89,400
First "	Cambridge	Guernsey	1,000	100	84 00	84,000 00	84 00	84,000 00	10,695 00	94,695
Guernsey "	"	"	1,500	100	87 00	130,500 00	84 00	126,000 00	5,050 00	131,050
Quaker City "	Quaker City	"	1,000	100	84 00	84,000 00	86 00	86,000 00	2,535 00	88,535
First "	Cincinnati	Hamilton	12,000	100	85 16	1,022,030 00	83 00	996,000 00	73,090 00	1,069,090
Second "	"	"	2,000	100	93 23	186,468 00	89 00	178,000 00		178,000
Third "	"	"	8,000	100	80 55	644,440 00	78 00	624,000 00	60,910 00	684,910
Fourth "	"	"	5,000	100	93 75	468,750 00	89 00	445,000 00		445,000
Merchants' "	"	"	10,000	100	89 57	895,709 00	79 00	790,000 00	23,710 00	813,710
Nat'l Bank of Commerce	"	"	3,000	100	86 53	259,612 00	73 00	219,000 00		219,000
First National	Findlay	Hancock	500	100	100 00	50,000 00	102 00	51,000 00	401 00	51,401
" "	Cadiz	Harrison	1,200	100	85 00	102,000 00	77 00	92,400 00	5,999 00	98,399
Harrison "	"	"	1,000	100	115 00	115,000 00	117 00	117,000 00		117,000
Citizens' "	Hillsboro	Highland	1,000	100	102 00	102,000 00	89 00	89,000 00		89,000
Hillsboro "	"	"	1,000	100	111 00	111,000 00	92 00	92,000 00	6,127 00	98,127
First "	Logan	Hocking	500	100	100 00	50,000 00	78 00	39,000 00		39,000
" "	New London	Huron	500	100	75 00	37,500 00	82 00	41,000 00	3,840 00	44,840
" "	Plymouth	"	500	100	70 00	35,000 00	83 00	41,500 00	3,160 00	44,660
" "	Norwalk	"	500	100	90 00	45,000 00	103 00	51,500 00		51,500
Norwalk "	"	"	1,000	100	80 00	80,000 00	89 00	89,000 00	3,420 00	92,420
First "	Jackson	Jackson	500	100	99 00	49,508 00	85 00	42,500 00	2,425 00	144,925
" "	Mt Pleasant	Jefferson	1,750	100	80 00	140,000 00	97 00	169,750 00	830 00	170,580
" "	Smithfield	"	1,000	100	73 00	73,000 00	88 00	88,000 00	8,920 00	96,920
Jefferson "	Steubenville	"	1,500	100	92 00	138,000 00	96 00	144,000 00	11,090 00	155,090
National Exchange	"	"	1,000	100	75 00	75,000 00	82 00	81,000 00		81,000
First National	Mt. Vernon	Knox	500	100	88 00	44,000 00	97 00	48,500 00		18,500
Knox County National	"	"	1,000	100	80 00	80,000 00	88 00	88,000 00	6,700 00	94,700
First National	Painesville	Lake	2,000	100	87 00	174,000 00	92 00	184,000 00	18,454 00	202,454

VALUATION OF NATIONAL BANKS—Continued.

Name of bank.	Location.	County.	Number of shares.	Par value of each share.	County Board of Equalization.		State Board of Equalization.		Assessed value of real estate owned by each bank.	Total valuation of each bank for taxation.
					Valuation of each share for taxation, exclusive of real estate.	Valuation of each bank for taxation, exclusive of real estate.	Valuation of each share for taxation, exclusive of real estate.	Valuation of each bank for taxation, exclusive of real estate.		
First National	Ironton	Lawrence	3,000	$100	$93 70	$281,120 00	$89 00	$267,000 00	$8,879 00	$275,879
Second "	"	"	2,500	100	93 36	233,402 00	89 00	222,500 00	6,598 00	229,098
First "	Newark	Licking	1,000	100	89 32	89,316 00	84 00	84,000 00	10,684 00	94,684
Bellefontaine "	Bellefontaine	Logan	1,000	100	87 00	87,000 00	87 00	87,000 00	2,480 00	89,380
First "	Elyria	Lorain	1,000	100	75 00	75,000 00	99 00	99,000 00	.....	99,000
" "	Oberlin	"	500	100	65 00	32,500 00	112 00	56,000 00	.....	56,000
" "	Wellington	"	1,000	100	70 00	70,000 00	89 00	89,000 00	3,360 00	92,360
" "	Toledo	Lucas	5,000	100	72 57	362,850 00	89 00	445,000 00	19,840 00	464,840
Second "	"	"	3,500	100	75 85	264,975 00	94 00	329,000 00	8,660 00	337,660
Merchants' "	"	"	3,000	100	67 20	191,600 00	84 00	252,000 00	.....	252,000
Northern "	"	"	1,500	100	60 15	90,225 00	71 00	106,500 00	29,650 00	136,150
Toledo "	"	"	1,000	100	65 44	65,440 00	79 00	79,000 00	11,002 00	90,002
Commercial "	"	"	1,000	100	62 67	62,670 00	80 00	80,000 00	3,605 00	83,605
Madison "	London	Madison	1,200	100	90 00	108,000 00	88 00	105,600 00	4,750 00	110,350
First "	Youngstown	Mahoning	5,000	100	74 00	370,000 00	89 00	445,000 00	4,866 00	449,866
Second "	"	"	2,000	100	72 00	144,000 00	83 00	166,000 00	.....	166,000
Mahoning "	"	"	2,290	100	66 80	153,000 00	79 00	180,910 00	18,608 00	199,518
Phœnix "	Medina	Medina	750	100	100 00	75,000 00	82 00	61,500 00	.....	61,500
Pomeroy "	Pomeroy	Meigs	2,000	100	91 95	183,863 00	83 00	166,000 00	6,137 00	172,137
Citizens' "	Piqua	Miami	1,000	100	80 00	80,000 00	80 00	80,000 00	8,830 00	88,830
Piqua "	"	"								

Merchants'	"	"	"	1,500	100	100 00	150,000 00	91 00	136,500 00		136,500
First	"	Germantown	"	750	100	125 00	93,750 00	106 00	79,500 00	5,140 00	84,640
Malta	"	Malta	Morgan	750	100	88 00	66,000 00	82 00	61,500 00	1,999 00	63,499
First	"	McConnelsville	"	1,000	100	95 00	95,000 00	90 00	90,000 00		90,000
"	"	Cardington	Morrow	1,000	100	90 00	90,000 00	88 00	88,000 00	9,087 00	97,087
"	"	Mt. Gilead	"	600	100	80 00	48,000 00	95 00	57,000 00		57,000
"	"	Zanesville	Muskingum	2,000	100	94 00	188,000 00	84 00	168,000 00	12,000 00	180,000
Noble County	"	Caldwell	Noble	600	100	88 71	53,228 00	89 00	53,400 00	772 00	54,172
First	"	Batesville	"	600	100	81 58	48,947 00	85 00	51,000 00	5,053 00	56,053
"	"	Circleville	Pickaway	2,600	100	120 00	312,000 00	88 00	228,800 00	21,000 00	249,800
Second	"	"	"	1,250	100	125 00	156,250 00	98 00	122,500 00	7,344 00	129,844
First	"	Garrettsville	Portage	1,000	100	71 00	71,000 00	69 00	69,000 00	11,400 00	80,400
"	"	Ravenna	"	1,000	100	84 00	84,000 00	89 00	89,000 00	4,320 00	93,320
Second	"	Kent	"	1,500	100	73 33	110,000 00	79 00	118,500 00	26,771 00	145,271
Kent	"	"	"	1,000	100	82 00	82,000 00	81 00	81,000 00	7,720 00	88,720
First	"	Eaton	Preble	1,000	100	90 00	90,000 00	89 00	89,000 00		89,000
Farmers'	"	Mansfield	Richland	1,000	100	88 99	88,988 29	76 00	76,000 00	8,210 00	84,210
First	"	Shelby	"	500	100	90 73	45,368 15	88 00	44,000 00	1,360 00	45,360
"	"	Chillicothe	Ross	1,500	100	142 00	213,000 00	161 00	241,500 00	5,226 00	246,726
Ross county	"	"	"	1,500	100	80 00	120,000 00	93 00	139,500 00		139,500
First	"	Fremont	Sandusky	1,000	100	106 00	106,000 00	107 00	107,000 00	11,590 00	118,590
"	"	Bellevue	"	500	100	84 00	42,000 00	81 00	40,500 00	2,150 00	42,650
"	"	Portsmouth	Scioto	2,000	100	90 00	180,000 00	89 00	178,000 00		178,000
Farmers'	"	"	"	2,500	100	85 00	212,500 00	89 00	222,500 00		222,500
Portsmouth	"	"	"	2,500	100	95 00	237,500 00	88 00	220,000 00		220,000
First	"	Green Spring	Seneca	500	100	99 00	49,500 00	85 00	42,500 00	3,098 00	45,598
National Exchange		Tiffin	"	1,250	100	88 00	110,000 00	85 00	106,250 00	15,892 00	122,142
First National		Alliance	Stark	500	100	69 00	34,500 00	70 00	35,000 00	4,476 00	39,776
"	"	Canton	"	1,000	100	69 00	69,000 00	71 00	71,000 00	27,020 00	98,020
"	"	Massillon	"	2,000	100	89 00	178,000 00	92 00	184,000 00	2,730 00	186,730
Union	"	"	"	1,000	100	89 00	89,000 00	93 00	93,000 00	2,970 00	95,970
First	"	Akron	Summit	1,500	100	70 00	105,000 00	93 00	139,500 00	4,830 00	144,330
Second	"	"	"	1,000	100	70 00	70,000 00	85 00	85,000 00	4,508 00	89,508
First	"	Warren	Trumbull	3,000	100	79 33	238,000 00	92 00	276,000 00	13,004 00	289,004
Trumbull National		"	"	1,500	100	82 00	123,000 00	86 00	129,000 00	5,528 00	134,528
Hubbard	"	Hubbard	"	500	100	74 85	37,427 00	73 00	36,500 00	1,320 00	37,820
Citizens'	"	N. Philadelphia	Tuscarawas	500	100	74 00	37,000 00	84 00	42,000 00	9,167 00	51,167
First	"	Van Wert	Van Wert	600	100	100 00	60,000 00	94 00	56,400 00	3,189 00	59,589
Vinton County National		McArthur	Vinton	500	100	90 61	45,305 00	93 00	46,500 00	1,244 00	47,744
First	"	Franklin	Warren	1,000	100	115 00	115,000 00	113 00	113,000 00		113,000
Farmers'	"	"	"	500	100	95 00	47,500 00	83 00	41,500 00		41,500
Waynesville	"	Waynesville	"	500	100	90 00	45,000 00	78 00	39,000 00	100 00	39,100

VALUATION OF NATIONAL BANKS—Continued.

Name of bank.	Location.	County.	Number of shares.	Par value of each share.	County Board of Equalization.		State Board of Equalization.		Assessed value of real estate owned by each bank.	Total valuation of each bank for taxation.
					Valuation of each share for taxation, exclusive of real estate.	Valuation of each bank for taxation, exclusive of real estate.	Valuation of each share for taxation, exclusive of real estate.	Valuation of each bank for taxation, exclusive of real estate.		
First National	Marietta	Washingt'n	1,500	$100	$96 27	$144,403 00	$84 00	$126,000	$5,597	$131,597
National of Wooster	Wooster	Wayne	389	100	72 70	39,185 00	82 00	44,198	3,935	48,033
Wayne County National	"	"	500	100	83 62	41,810 00	76 00	38,000	8,190	46,190
First National	Bryan	Williams	600	100	69 31	41,590 00	78 00	46,800	6,410	53,210
" "	Upper Sandusky	Wyandot	1,050	100	101 00	106,050 00	112 00	117,600	.....	117,600
Lebanon National	Lebanon	Warren	500	100	100 00	50,000 00	78 00	39,000	.....	39,000
Totals						$22,692,871 44		$22,901,668	$1,100,428	$24,092,096

TABLE SHOWING THE VALUATION FOR TAXATION, BY THE STATE BOARD OF EQUALIZATION, OF BANKS AND BANKING ASSOCIATIONS INCORPARATED OR ORGANIZED UNDER THE LAWS OF OHIO, AS PROVIDED IN THE ACT OF APRIL 12, 1877. (O. L. vol. 74, page 88)

Name of bank.	Location.	County.	Valuation of each bank, exclusive of real estate, as fixed by county boards of equalization.	Capital of each bank paid in.	Per cent. of paid-up capital for valuation by State Board.	Valuation of each bank exclusive of real estate, as fixed by State Board.	Assessed value of real estate owned by each bank.	Total valuation of each bank for taxation.
Commercial	Delphos	Allen	$40,000 00	$50,000 00	80	$40,000 00	.....	$40,000 00
Ashtabula Savings and Loan Association	Ashtabula	Ashtabula	47,005 00	100,000 00	61	61,000 00	$20,757 00	81,757 00
Conneaut Mutual Loan Association	Conneaut	"	45,940 00	80,000 00	77	61 600 00	.....	61,600 00
Morgan Savings and Loan Association	Morgan	"	30,513 00	50,000 00	78	39,000 00	.....	39,000 00
Ohio City Bank	Martin's Ferry	Belmont	33,380 00	50,000 00	75	37,500 00	1 620 00	39,120 00
Belmont Bank	Somerset	"	38,3-2 00	50,000 00	78	39,000 00	1,618 00	40,618 00
Berea Savings and Loan Association	Berea	Cuyahoga	11,500 00	25,000 00	66	16,500 00	1,060 00	17,560 00
Defiance Savings Bank	Defiance	Defiance	18,900 00	37,892 51	82	30,998 00	.....	30,998 00
Fairfield County Bank	Lancaster	Fairfield	35,330 00	45,000 00	70	31,500 00	.....	31,500 00
Citizens' Savings Bank	Columbus	Franklin	80,000 00	100,000 00	84	84,000 00	9,130 00	93,130 00
Capital City Bank	"	"	9,000 00	12,500 00	68	7,600 00	.....	7,600 00
Bank of Cincinnati	Cincinnati	Hamilton	90,000 00	100,000 00	76	76,000 00	.....	76,000 00
German Banking Company	"	"	149,836 00	250,000 00	69	172,500 00	4,010 00	176,510 00
Western German Bank	"	"	51,520 00	100,000 00	46	46,000 00	.....	46,000 00
Hardin Savings Bank	Kenton	Hardin	12,000 00	25,000 00	67	16,750 00	6,000 00	22,750 00
Kenton Savings Bank	"	"	13,200 00	25,000 00	71	17,750 00	3,200 00	20,950 00
Farmers' and Mechanics' Saving and Loan Ass'n	Cadiz	Harrison	37,500 00	50 000 00	78	39,000 00	.....	39,000 00
Citizens' Bank	Greenfield	Highland	32 173 00	25,000 60	68	17,000 00	2,827 00	19,827 00
Bellevue Bank	Bellevue	Huron	30 070 00	80,000 00	70	56,000 00	5,000 00	61,000 00
Knox County Savings Bank	Mt Vernon	Knox	18,0 10 00	25,000 00	78	19,500 00	.....	19,500 00
Exchange Bank	Madison	Lake	31,800 00	50,000 00	72	36,000 00	2,200 00	38,200 00
Toledo Savings Bank and Trust Co	Toledo	Lucas	30,075 00	65,000 00	55	35,750 00	14,872 00	50,622 00
Farmers Bank	Mt. Sterling	Madison	42,150 00	56,000 00	78	41,836 00	.....	43,836 00
Farmers' Deposit and Savings Bank	Poland	Mahoning	21,000 00	25,000 00	117	29,250 00	2,000 00	31,250 00
Monroe Bank	Woodsfield	Monroe	30,0 22 00	50,000 00	68	34,000 00	4,978 00	38,978 00
Dayton Savings Bank	Dayton	Montgomery	30,000 00	30,000 00	70	21,000 00	.....	21,000 00
Cardington Banking Co	Cardington	Morrow	22,500 00	25,000 00	143	35.750 00	1,465 00	37,315 00
Kent Savings and Loan Association	Kent	Portage	8,000 00	12,600 00	76	9,756 00	.....	9,576 00
Mansfield Savings Bank	Mansfield	Richland	21,923 58	32,500 00	59	19,175 00	7.750 00	26,925 00
Citizens' Savings Bank	Portsmouth	Scioto	42 500 00	50,000 00	72	36,000 00	1,328 00	37328 00
Commercial Bank	Tiffin	Seneca	75,000 00	100,000 00	75	75,000 00	3,750 00	78,750 00

TABLE SHOWING THE VALUATION FOR TAXATION OF BANKS, ETC.—Continued.

Name of bank.	Location.	County.	Valuation of each bank, exclusive of real estate, as fixed by county boards of equalization.	Capital of each bank paid in.	Per cent. of paid-up capital for valuation by State Board.	Valuation of each bank exclusive of real estate, as fixed by State Board.	Assessed value of real estate owned by each bank.	Total valuation of each bank for taxation.
Farmers' Bank	Canton	Stark	$28,750 00	$25,000 00	102	$25,500 00	.....	$25,500 00
Citizens' Savings and Loan Association	Niles	Trumbull	24,300 00	37,934 84	64	24,281 00	$6,980 00	31,261 00
" " "	Akron	Summit	45,000 00	75,000 00	70	52,500 00	5,626 00	58,126 00
Girard Savings Bank	Girard	Trumbull	23,920 00	25,000 00	99	24,750 00	1,970 00	26,720 00
Totals	.....	.....	$1,286,479 58	$1,939,542 35	.....	$1,411,566 00	$108,141 00	$1,519,707 00

BONDS.

TABLE SHOWING THE AMOUNT OF BONDS EXEMPT FROM TAXATION IN EACH COUNTY IN OHIO—CURRENT YEAR—AS REPORTED BY COUNTY AUDITORS.

Counties.	Bonds exempt from taxation.	Counties.	Bonds exempt from taxation.
Adams	$166,668	Licking	$19,734
Allen	2,939	Logan	4,585
Ashland	30,524	Lorain	23,668
Ashtabula	49,095	Lucas	46,675
Athens	34,913	Madison	27,837
Auglaize	10,835	Mahoning	133,550
Belmont	231,778	Marion	15,500
Brown	75,914	Medina	45,650
Butler	120,045	Meigs	11,009
Carroll	11,425	Mercer	19,037
Champaign	5,803	Miami	32,780
Clarke	56,409	Monroe	51,823
Clermont	49,673	Montgomery	70,602
Clinton	59,460	Morgan	56,141
Columbiana	64,070	Morrow	4,930
Coshocton	27,912	Muskingum	393,691
Crawford	55,036	Noble	63,373
Cuyahoga	110,545	Ottawa	10,300
Darke	23,660	Paulding	2,759
Defiance	2,445	Perry	17,328
Delaware	16,122	Pickaway	14,478
Erie	35,960	Pike	82,310
Fairfield	212,940	Portage	175,073
Fayette	6,557	Preble	22,906
Franklin	54,302	Putnam	11,575
Fulton	1,380	Richland	56,700
Gallia	31,281	Ross	65,189
Geauga	70,825	Sandusky	23,400
Greene	108,497	Scioto	35,580
Guernsey	117,366	Seneca	46,996
Hamilton	421,432	Shelby	6,200
Hancock	26,164	Stark	47,045
Hardin	2,967	Summit	55,370
Harrison	46,175	Trumbull	428,864
Henry	50	Tuscarawas	54,196
Highland	144,785	Union	10,068
Hocking	39,565	Van Wert	24,600
Holmes	8,200	Vinton	19,763
Huron	94,814	Warren	242,319
Jackson	103,376	Washington	250,275
Jefferson	335,845	Wayne	42,670
Knox	19,269	Williams	1,385
Lake	224,895	Wood	12,310
Lawrence	36,915	Wyandot	7,357
Total			$6,145,932

RAILROADS, TURNPIKES,

AND

PLANK ROADS.

32

RAILROAD STATISTICS.

TABLE SHOWING THE VALUATION OF RAILROAD PROPERTY IN EACH COUNTY, A
TAXES LEVIED THEREON, AS REPORTED BY COUNTY AUDITORS.*

Counties.	Valuation.	Taxes.	Counties.	Valuation.	
Adams	$3,857	$781 19	Licking	$1,218,484	
Allen	1,263,281	24,473 55	Logan	844,900	
Ashland	533,423	6,254 95	Lorain	2,080,928	
Ashtabula	1,841,509	26,858 69	Lucas	2,430,600	
Athens	772,311	12,793 33	Madison	549,010	
Auglaize	279,309	7,293 88	Mahoning	800,378	
Belmont	787,232	9,796 61	Marion	1,181,614	
Brown	48,882	832 22	Medina	235,773	
Butler	1,231,957	12,380 55	Meigs†		
Carroll	297,555	2,624 82	Mercer	30,690	
Champaign	1,123,865	12,194 48	Miami	631,430	
Clarke	1,256,459	13,335 65	Monroe†		
Clermont	272,550	3,865 34	Montgomery	1,273,710	
Clinton	426,723	4,847 60	Morgan†		
Columbiana	2,253,213	23,363 27	Morrow	538,646	
Coshocton	413,300	5,136 44	Muskingum	902,785	
Crawford	1,323,520	20,150 06	Noble	55,370	
Cuyahoga	3 695,293	69,272 69	Ottawa	1,331,457	
Darke	1,394,510	17,645 60	Paulding	234,077	
Defiance	549,045	10,195 85	Perry	509,123	
Delaware	1,056,864	11,596 32	Pickaway	338,838	
Erie	1,439,915	33,600 68	Pike	212,167	
Fairfield	655,390	7,892 03	Portage	1,511,024	
Fayette	294,952	3,369 58	Preble	545,297	
Franklin	2,146,460	27,670 02	Putnam	275,356	
Fulton	767,718	14,335 34	Richland	2,024,360	
Gallia	2,000	42 60	Ross	756,164	
Geauga	91,069	1,227 96	Sandusky	1,183,698	
Greene	827,154	8,728 42	Scioto	320,922	
Guernsey	451,686	5,740 42	Seneca	1,057,779	
Hamilton	2,416,966	46,524 91	Shelby	764,400	
Hancock	204,231	2,827 57	Stark	1,913,593	
Hardin	1,123,470	21,152 95	Summit	776,067	
Harrison	477,160	4,367 08	Trumbull	1,465,420	
Henry	545,840	12,728 03	Tuscarawas	1,129,684	
Highland	294,228	3,334 60	Union	861,038	
Hocking	557,858	8,159 84	Van Wert	892 203	
Holmes	446,832	6,782 92	Vinton	289,022	
Huron	1,583,592	21,507 07	Warren	837,664	
Jackson	286,838	5,353 53	Washington	440,175	
Jefferson	1,508,000	14,444 25	Wayne	1,623,442	
Knox	522,861	5,594 67	Williams	738,546	
Lake	1,188,337	13,889 53	Wood	1,302,230	
Lawrence	153,221	2,470 92	Wyandot	1,111,000	
Totals				$76,036,550	$

* For railroad mortgages and cancellations see conveyance statistics.

† No railroads.

Table showing the Valuations of Property of the Various Railroad Companies in the State of Ohio, as Fixed by the Local Boards for the Year 1879, with Additions and Deductions, and Total Values, as Fixed by the State Board of Equalization for such Property, in Accordance with Provisions of Acts passed May 1, 1862, April 14, 1863, and March 16, 1867. (S. & S., p. 768.)

Names of Railroads.	Valuations as fixed by State Board, 1878.	Valuations as fixed by County Boards, 1879.	Additions.	Deductions.	Valuations as fixed by State Board, 1879.
Ashtabula, Youngstown and Pittsburgh	$679,910 00	$608,697 00			$608,697 00
Atlantic and Great Western	3,173,118 00	3,180,296 00			3,180,296 00
" " Agent U. S. Rolling Stock Co	176,073 00	86,096 00			86,096 00
" " C. and M. V. Div	1,715,224 00	1,707,674 00			1,707,674 00
" " C. and M. V. Div., Agent U. S. Rolling Stock Co	189,070 00	183,021 00			183,021 00
Baltimore and Ohio—Central Ohio Division	1,897,845 00	1,610,938 00	[a] $242,120 00		1,853,058 00
" " Straitsville "	373,050 00	361,680 00	[b] 72,236 00		434,016 00
" " Lake Erie "	1,493,997 00	1,194,895 00	[c] 227,030 00		1,421,925 00
" " Washington Co. "	15,516 12	15,516 12			15,516 12
Baltimore and Ohio and Chicago	1,376,791 31	1,114,953 75	[d] 220,620 06		1,335,573 81
Bellaire and St. Clairsville—Narrow Gauge	12,765 00	11,920 00			11,920 00
Bellaire and South-Western— "	6,810 00	22,275 00			22,275 00
Bowling Green	8,000 00	12,000 00			12,000 00
Bridgeport, Canton and Painesville	12,500 00	11,750 00			11,750 00
Brown, Bonnell & Co	3,000 00	3,000 00			3,000 00
Brooks' Switch	4,062 00	4,832 00			4,832 00
Cincinnati, Hamilton and Dayton	1,646,669 78	1,636,083 16			1,636,083 16
" " and Indiana	368,969 00	364,308 00			364,308 00
" Richmond and Chicago	350,193 14	350,583 08			350,583 08
" Hamilton and Indianapolis	202,788 00	202,205 37			202,205 37
" Sandusky and Cleveland	1,454,693 00	1,484,555 00			1,484,555 00
" and Springfield	1,607,959 00	1,367,761 00		[e] $135,098 00	1,232,663 00
" and Eastern—Narrow Gauge	150,705 00	139,131 00			139,131 00
" and College Hill— "	18,092 00	15,708 00			15,708 00
" and Westwood— "	17,793 00	16,295 00			16,295 00
" Inclined Plane	52,023 00	49,235 33			49,235 33
" and Clifton Inclined Plane	41,027 00	38,980 00			38,980 00

VALUATIONS OF RAILROADS—Continued.

Names of Railroads.	Valuations as fixed by State Board, 1878.	Valuations as fixed by County Boards, 1879.	Additions.	Deductions.	Valuations as fixed by State Board, 1879.
Cincinnati Southern	$2,325 00	$1,614 00			$1,614 00
" and Portsmouth	48,760 00	55,070 00			55,070 00
" and Milford		2,350 00			2,350 00
Chicago and Canada Southern	75,050 00	56,500 00			56,500 00
Cleveland, Columbus, Cincinnati and Indianapolis	7,511,226 00	7,187,167 00		[f] 405,411 00	6,781,756 00
" Mt. Vernon and Columbus	1,103,322 00	939,635 00	[g] 169,134 00		1,108,769 09
" and Pittsburgh	5,731,765 00	4,974,783 00	[h] 298,486 00		5,273,269 00
" Tuscarawas Valley and Wheeling	911,047 00	895,074 00			895,074 00
Columbus and Maysville		28,688 00			28,688 00
" and Hocking Valley	1,798,147 00	1,785,652 00		[i] 151,240 00	1,634,412 00
" Springfield and Cincinnati	$16,124 10	476,421 48			476,421 48
" and Toledo	1,262,626 00	1,243,660 00			1,243,660 00
" Washington and Cincinnati	30,860 00	27,164 00			27,164 00
Dayton and Michigan	2,356,070 00	1,947,374 00			1,947,374 00
" and Union	296,216 00	293,940 00			293,940 00
" and South-Eastern—Narrow Gauge	208,674 00	220,495 00			220,495 00
Eastern Ohio	10,400 00	10,400 00			10,400 00
Gallipolis and Columbus	2,500 00	2,000 00			2,000 00
Harrison Branch	14,244 00	14,244 00			14,244 00
Hayden's Switch	55,609 00	47,136 25			47,136 25
Hazleton and Leetonia	10,000 00	10,000 00			10,000 00
Iron	141,202 00	141,860 00			141,860 00
Lake Erie, Alliance and Wheeling	24,300 00	28,900 00			28,900 00
" Erie and Louisville	310,850 00	326,185 00			326,185 00
" Shore and Michigan Southern	12,996,609 00	13,114,641 00			13,114,641 00
" View and Collamer	18,212 00	7,000 00			7,000 00
Little Miami and Cincinnati and Indiana		8,000 00			8,000 00
Mahoning Coal	354,005 00	354,005 00			354,005 00

Marietta and Cincinnati	2,816,916 00	2,844,255 00			2,844,255 00
" Pittsburgh and Cleveland	239,525 00	234,046 00			234,046 00
Miami Valley—Narrow Gauge	8,200 00	8,200 00			8,200 00
Mt. Adams and Eden Park Inclined	44,270 00	40,420 00			40,420 00
North-Western Ohio	536,740 00	788,053 00			788,053 00
Ohio Central	73,200 00	73,200 00			73,200 00
" and Mississippi	240,942 00	219,592 00			219,592 00
" and Toledo	25,565 00				
Packard Coal Co	800 00				
Painesville and Youngstown	175,779 00	175,779 00			175,779 00
Paulding and Cecil	5,000 00	4,900 00			4,900 00
Pittsburgh, Cincinnati and St. Louis	2,719,101 00	2,531,757 00	[j] 189,881 00		2,721,638 00
" " " Little Miami Div	2,131,020 00	3,097,640 00		[k] 214,830 00	2,882,810 00
" " " C. C. and I. C. Div	2,246,992 00	2,251,800 00			2,251,800 00
" " " C. and M. V. Div	1,071,959 00	995,271 00			995,271 00
" Ft. Wayne and Chicago	10,732,001 00	9,579,794 00		[l] 502,312 00	9,076,482 00
Powers' Coal Co	2,500 00	2,500 00			2,500 00
A. & W. Powers	3,000 00	2,500 00			2,500 00
Price's Inclined Plane	33,255 00	32,830 00			32,830 00
Pullman Palace Car Co., on A. and G. W	9,324 00	32,004 00			32,004 00
" " L. and M., Agent	7,398 00				
" " Little Miami	16,519 00				
" " C. O. Div. B. and O		10,000 00			10,000 00
" " M. and C		40,000 00			40,000 00
Pittsburgh and Lake Erie		51,896 06			51,896 00
Rocky River	14,850 00	15,428 00			15,428 00
Salineville Branch	15,000 00	15,500 00			15,000 00
Scioto Valley	699,913 00	730,501 52			730,501 52
Springfield, Jackson and Pomeroy	281,696 00	431,526 59			431,526 59
Thomas' Iron Works	1,490 00	1,740 00			1,740 00
Toledo, Canada Southern and Detroit	49,850 00	49,850 00			49,850 00
" and State Line	20,850 00				
" Delphos and Indianapolis	14,100 00	57,700 00			57,700 00
" and Woodville	154,402 00				
" and Ann Arbor	3,000 00	43,650 00			43,650 00
" and Maumee—Narrow Gauge		11,500 00			11,500 00
" Delphos and Kokomo		7,800 00			7,800 00
Wabash	1,089,224 00	1,065,639 92			1,065,639 92
Wheeling and Lake Erie	14,983 00	13,750 00			13,750 00
Wick & Wells		1,500 00			1,500 00

VALUATIONS OF RAILROADS—Continued.

Names of Railroads.	Valuations as fixed by State Board, 1878.	Valuations as fixed by County Boards, 1879.	Additions.	Deductions.	Valuations as fixed by State Board, 1879.
Youngstown	$3,500 00	$3,500 00			$3,500 00
" and Austintown	5,000 00	4,500 00			4,500 00
" and Connotton Valley		38,872 50			38,872 50
Totals	$79,338,186 45	$75,504,143 07	$1,419,607 06	$1,409,891 00	$75,513,859 13

[a] $2,000 per mile on main track from Bellaire to Newark, and $1,000 per mile from Newark to Columbus added.
[b] 20 per cent. added to valuation.
[c] 19 per cent. added to valuation.
[d] $2,000 per mile on main track added.
[e] $1,700 per mile on main track deducted; also valuation on 2.05 miles of side track in Cincinnati reduced from $10,000 per mile to $3,300. $1,325 per mile on main track deducted.
[f] 18 per cent. added to valuation.
[h] 6 per cent. added to valuation.
[i] $2,000 per mile on main track deducted.
[j] 7½ per cent. added to valuation.
[k] $1,800 per mile on main track of main line deducted.
[l] $2,000 per mile on main track of main line deducted.
[*] From annual report of the Auditor of State.

TURNPIKES AND PLANK ROADS.

TABLE SHOWING THE NUMBER, LENGTH, AND COST OF TURNPIKES AND PLANK ROADS IN EACH COUNTY IN OHIO, AS REPORTED BY COUNTY AUDITORS.

Counties.	Turnpikes incorporated.				Plank roads incorporated.				Free turnpikes.				Free plank roads.				Total number of miles—length.	Total cost.
	Number.	Miles built within the year.	Total length—miles.	Cost.	Number.	Miles built within the year.	Total length—miles.	Cost.	Number.	Miles built within the year.	Total length—miles.	Cost.	Number.	Miles built within the year.	Total length—miles.	Cost.		
Adams	3	....	38	$187,000	....	....	....	.....	5	15	15	$10,000	10	....	80	$928,000	133	$435,000
Auglaize	1	....	5½	10,000	1	....	10	$14,000	8	4	56	101,000	....	....	....	.....	71½	125,000
Belmont	4	....	30	267,000	....	....	....	.....	6	....	40	250,000	....	....	....	.....	70	517,000
Brown	2	....	8	24,000	....	....	....	.....	27	16	200	800,000	....	....	....	.....	208	824,000
Butler	....	....	....	.....	....	....	....	.....	12	13	105	35,400	....	....	....	.....	105	35,400
Champaign	2	....	17	12,600	....	....	....	.....	88	....	367	602,050	....	....	....	.....	384	614,650
Clarke	21	....	176	422,400	....	....	....	.....	11	2	42	92,000	....	....	....	.....	218	514,400
Clinton	2	....	23	230,000	....	....	....	.....	70	....	305	865,000	....	....	....	.....	328	1,095,000
Darke	1	....	7	9,000	....	....	....	.....	113	....	538	1,072,000	7	....	75	7,000	620	1,088,000
Defiance	....	....	....	.....	....	....	....	.....	25	40	75	30,000	....	....	....	.....	75	30,000
Delaware	1	....	12	36,000	....	....	....	.....	17	4½	85	117,138	....	....	....	.....	97	153,138
Fairfield	4	....	64	178,000	....	....	....	.....	4	....	39	78,000	....	....	....	.....	103	256,000
Fayette	....	....	....	.....	....	....	....	.....	33	....	262	850,000	....	....	....	.....	262	850,000
Franklin	8	....	900	*	....	....	....	.....	16	12	52	65,000	....	....	....	.....	952	65,000
Greene	....	....	....	.....	....	....	....	.....	24	....	163	*	....	....	....	.....	163	*
Hamilton	13	....	132	*	....	....	....	.....	....	....	....	.....	....	....	....	.....	132	*
Hardin	....	....	....	.....	....	....	....	.....	23	5	195	585,000	....	....	....	.....	195	585,000
Harrison	1	....	1	16,000	....	....	....	.....	....	....	....	.....	....	....	....	.....	1	16,000
Highland	....	....	....	.....	....	....	....	.....	17	11½	148	*	....	....	....	.....	148	*
Jefferson	....	....	....	.....	....	....	....	.....	1	....	2	5,969	....	....	....	.....	2	5,969

TABLE SHOWING THE NUMBER, LENGTH, AND COST OF TURNPIKES AND PLANK ROADS—Continued.

Counties.	Turnpikes incorporated.				Plank roads incorporated.				Free turnpikes.				Free plank roads.				Total number of miles—length.	Total cost.
	Number.	Miles built within the year.	Total length—miles.	Cost.	Number.	Miles built within the year.	Total length—miles.	Cost.	Number.	Miles built within the year.	Total length—miles.	Cost.	Number.	Miles built within the year.	Total length—miles.	Cost.		
Logan	....	....	.....	.....	...	...	...	.....	43	...	243	$707,922	....	....	....	.....	243	$707,922
Madison	1	....	10	$20,000	...	...	...	.....	31	...	239	508,000	....	....	....	.....	249	528,000
Marion	2	...	15	31,867	...	...	...	.....	15	2½	50¼	32,710	....	....	....	.....	65¼	64,577
Miami	2	....	12	15,000	....	...	....	.....	101	26	421	542,600	....	....	....	.....	433	557,600
Muskingum	1	....	12	*	....	...	....	.....	...	...	.....	.....	....	....	....	.....	12	*
Noble	1	....	13	11,000	....	...	....	.....	...	...	.....	.....	....	....	....	.....	13	11,000
Pickaway	11	....	103	*	....	....	....	.....	14	...	113	282,500	....	....	....	.....	216	282,500
Pike	3	....	37	37,000	....	....	....	.....	...	...	.....	.....	....	....	....	.....	37	37,000
Preble	1	....	3	3,300	....	....	....	.....	...	...	.....	.....	....	....	....	.....	3	3,300
Putnam	....	....	.....	.....	....	...	....	.....	1	...	2	8,000	....	....	....	.....	2	8,000
Ross	12	....	131	270,000	....	...	....	.....	4	...	37	75,000	....	....	....	.....	168	345,000
Sandusky	4	....	23½	71,975	....	...	....	.....	...	...	.....	.....	....	....	....	.....	23½	71,975
Scioto	1	....	16	50,000	....	...	....	.....	16	1	152	451,500	....	....	....	.....	168	501,500
Shelby	....	....	.....	.....	...	...	...	.....	56	...	289	791,800	....	....	....	.....	289	791,800
Union	....	....	....	.....	...	...	...	.....	...	...	300	700,000	....	....	....	.....	300	700,000
Warren	4	....	25	18,000	....	...	....	.....	122	2	517½	495,925	....	....	....	.....	542½	513,925
Wood	...	...	....	.....	...	...	...	.....	75	4	243	270,500	....	....	....	.....	243	270,500
Totals	106	...	1824	$1,920,142	1	...	10	$14,000	978	158½	5295½	$10,425,014	17	....	155	$245,000	7274½	$12,604,156

CONVEYANCE STATISTICS,

AS

REPORTED BY COUNTY RECORDERS.

TABLE SHOWING THE NUMBER OF "ONE DOLLAR CONSIDERATION SALES," TOTAL NUMBER OF DEEDS RECORDED, AND TOTAL CONSIDERATION IN EACH COUNTY OF OHIO, AS REPORTED BY COUNTY RECORDERS FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Number of deeds recorded for all one dollar consideration sales.	Total number of deeds recorded.	Total consideration.
Adams	21	530	$446,920 00
Allen	----------	661	664,614 00
Ashland	2	740	1,062,302 40
Ashtabula*	----------	----------	----------
Athens	----------	650	1,001,900 00
Auglaize	18	734	276,845 00
Belmont	39	903	977,068 00
Brown	45	662	589,604 00
Butler	71	778	1,604,376 14
Carroll	17	369	539,002 65
Champaign	26	346	495,415 00
Clarke	111	1,030	1,236,107 41
Clermont	100	750	712,000 00
Clinton	10	630	897,210 00
Columbiana	88	1,155	1,312,016 00
Coshocton	26	556	676,467 85
Crawford	9	506	1,272,982 00
Cuyahoga	801	4,288	7,552,343 00
Darke	32	1,052	1,708,140 92
Defiance	----------	728	686,689 00
Delaware	----------	886	1,089,753 50
Erie	143	662	785,330 00
Fairfield	38	556	715,069 48
Fayette	40	626	1,029,084 00
Franklin	225	2,109	3,048,070 00
Fulton	121	786	586,394 40
Gallia	50	559	296,299 00
Geauga	29	484	599,055 00
Greene	52	578	1,024,115 00
Guernsey	----------	574	512,310 60
Hamilton	----------	4,396	10,355,720 0
Hancock	22	696	1,101,783
Hardin	33	797	934,209
Harrison	18	517	714,785
Henry	50	693	689,430
Highland	9	320	420,768
Hocking	25	392	290,15
Holmes	14	420	572,84
Huron	94	857	1,068,59
Jackson	19	470	378,96
Jefferson	80	730	480,30
Knox	49	688	914,71
Lake	32	401	606,69
Lawrence	50	602	582,95
Licking	31	556	977,51
Logan	32	686	714,31
Lorain	80	981	1,382,95
Lucas	282	1,610	2,594,54
Madison	40	418	637,41
Mahoning	29	791	926,20

TABLE SHOWING NUMBER OF "ONE DOLLAR CONSIDERATION SALES," ETC.—Continued.

Counties.	Number of deeds recorded for all one dollar consideration sales.	Total number of deeds recorded.	Total consideration.
Marion	181	768	$846,165 00
Medina	22	650	500,000 00
Meigs	18	968	484,954 25
Mercer	.....	625	932,2[illegible]0 00
Miami	37	1,101	1,160,534 00
Monroe	9	409	2[illegible]0,736 00
Montgomery	194	1,757	2,838,179 95
Morgan	16	464	472,45[illegible] 86
Morrow	26	5[illegible]3	662,901 57
Muskingum	81	887	873,59[illegible] 00
Noble	12	378	466,134 00
Ottawa	42	681	728,3[illegible]4 00
Paulding	40	712	494,615 00
Perry	9	672	677,441 71
Pickaway	63	458	772,615 00
Pike	12	337	323,246 00
Portage	11	821	1,087,453 25
Preble	29	639	9[illegible]5,257 64
Putnam	23	815	685,330 35
Richland	39	1,116	1,770,641 00
Ross	61	772	1,000,995 15
Sandusky	6	777	700,312 00
Scioto	61	736	765,4[illegible]9 00
Seneca	21	1,042	2,161,237 70
Shelby	23	638	647,284 75
Stark	78	1,327	1,792,068 46
Summit	129	1,018	1,203,9[illegible]5 42
Trumbull	113	1,097	1,144,335 75
Tuscarawas	24	961	1,228,601 54
Union	43	757	999,186 93
Van Wert	24	686	569,477 39
Vinton	17	396	261,948 39
Warren	71	605	965,223 00
Washington	.....	921	692,392 00
Wayne	62	933	1,544,076 69
Williams	.....	790	872,593 04
Wood	44	1,371	1,525,192 00
Wyandot	31	724	1,003,195 25
Totals	4,775	72,241	$95,[illegible]62,637 80

* Made no report. Referred to Prosecuting Attorney.

TABLE SHOWING THE NUMBER OF ACRES CONVEYED, AND TOTAL CONSIDER EACH COUNTY OF OHIO, FOR SALES OF LANDS, AS REPORTED BY COUNTY ERS FOR THE YEAR ENDING JUNE 30, 1879

Counties.	Sale of lands.			Sales of "town acres," within corporate l valued by the ac		
	Number of acres.	Average price per acre.	Amount of considera-tion.	Number of acres.	Average price per acre.	
Adams	43,660	$9 25	$403 675	.....	.....	..
Allen	15,164	22 80	345,713	.....	.....	..
Ashland	18,192	45 67	830,941	.....	.....	..
Ashtabula †	.....	.....	.....	.....	.....	..
Athens	40,300	23 00	925,900	250	$3 00	
Auglaize	8,015	34 00	272,510	104	41 68	
Belmont	18,171	35 00	637,034	233	141 84	
Brown	20,188	24 80	500,645	.....	.....	..
Butler	16,574	63 56	1,053,448	110	314 70	
Carroll	50,855	8 76	445,338	9	241 60	
Champaign	8,772	38 01	335,439	11	966 43	
Clarke	13,234	51 33	679,355	61	392 45	
Clermont	14,090	35 91	500,000	.....	.....	..
Clinton	21,310	30 00	639,300	740	85 00	
Columbiana	13,981	54 68	764,481	23	588 00	
Coshocton	17,011	33 30	566,410	.....	.....	..
Crawford	18,630	52 00	937,332	7	179 70	
Cuyahoga	9,599	75 82	727,826	465	679 27	
Darke	27,398	47 72	1,306,736	.....	.....	..
Defiance	21,542	21 47	462,499	.....	.....	..
Delaware	17,281	47 81	36,244	.....	.....	..
Erie	6,641	57 77	383,692	57	450 60	
Fairfield	16.303	37 68	614,457	9	105 54	
Fayette	22,590	37 10	838,082	3	540 00	
Franklin	15,759	54 78	836,378	.....	.....	..
Fulton	26,840	20 16	540,094	.....	.....	..
Gallia	18,402	15 54	285,937	25	414 48	
Geauga	17,503	30 30	530,385	161	43 51	
Greene	13,905	60 53	841,640	19	1,057 54	
Guernsey	17,060	23 93	408,299	.....	.....	..
Hamilton	12,093	101 17	1,231,966	1,196	824 12	
Hancock	23,222	37 54	871,784	.....	.....	..
Hardin	16,991	35 82	608,603	52	281 33	
Harrison	12,063	58 75	708,636	13	473 00	
Henry	32,830	21 00	689.430	.....	.....	..
Highland	11,792	29 00	341,968	.....	.....	..
Hocking	16,661	14 71	245,154	9	236 11	
Holmes	10,680	45 83	489,460	25	60 00	
Huron	18,175	44 16	802,648	123	120 50	
Jackson	13,625	15 80	215,477	.....	.....	..
Jefferson	11,700	35 00	409,500	.....	.....	..
Knox	22,516	31 97	720,051	.....	.....	..
Lake	7,338	57 65	423,071	124	250 90	
Lawrence	17,400	18 00	313,200	.....	.....	..
Licking	14,321	67 20	926,364	22	315 00	
Logan	21,192	27 70	586,028	36	501 00	
Lorain	15,242	56 27	857,672	.....	.....	..
Lucas	15,294	44 31	666,715	87	2,052 87	
Madison	14,467	35 35	511,494	320	93 80	
Mahoning	12,391	41 43	513,316	187	194 24	

TABLE SHOWING THE NUMBER OF ACRES CONVEYED, ETC.—Continued.

Counties.	Sales of lands.			Sales of "town acres," or lands within corporate limits valued by the acre.		
	Number of acres.	Average price per acre.	Amount of consideration.	Number of acres.	Average price per acre.	Amount of consideration.
Marion	13,713	$46 22	633,906	147	$347 91	$51,154
Medina	12,500	40 00	500,000	.....	.....	.....
Meigs	6,824	25 66	175,118	130	325 25	42,282
Mercer	37,240	25 00	931,380	.....	.....	.....
Miami	11,000	51 00	561,000	.....	.....	.....
Monroe	13,201	17 71	233,913	14	64 27	900
Montgomery	16,033	82 31	1,324,640	44	1,721 30	75,327
Morgan	11,805	32 23	380,638	.....	.....	.....
Morrow	19,880	28 40	563,774	.....	.....	.....
Muskingum	20,877	26 93	562,056	.....	.....	.....
Noble	12,198	34 00	414,732	.....	.....	.....
Ottawa	21,896	25 12	548,595	.....	.....	.....
Paulding	50,792	9 00	457,128	60	120 00	7,200
Perry	26,121	21 00	546,917	51	125 00	6,386
Pickaway	16,303	40 00	653,377	30	114 00	34,019
Pike	20,687	13 97	289,137	.....	.....	.....
Portage	16,384	51 90	850,329	41	482 53	19,782
Preble	20,942	39 96	836,875	2	6,212 50	12,425
Putnam	15,403	37 34	575,186	.....	.....	.....
Richland	24,220	55 00	1,332,100	32	760 00	24,350
Ross	34,565	22 44	771,145	.....	.....	.....
Sandusky	14,502	41 00	595,812	.....	.....	.....
Scioto	35,870	7 85	281,784	.....	.....	.....
Seneca	32,578	56 65	1,845,543	20	216 00	4,320
Shelby	16,975	28 50	483,785	27	245 37	6,625
Stark	14,302	76 55	1,094,870	25	760 00	19,000
Summit	16,220	55 24	895,860	118	325 00	38,350
Trumbull	36,184	19 40	702,121	155	65 00	10,085
Tuscarawas	25,809	36 54	943,060	87	137 06	11,924
Union	24,761	33 38	826,523	10	2,596 61	25,966
Van Wert	20,412	20 36	415,604	14	1,227 00	18,279
Vinton	18,507	12 46	230,600	.....	.....	.....
Warren	14,978	48 00	725,185	10	1,182 60	11,826
Washington	27,318	20 45	558,720	.....	.....	.....
Wayne	17,975	62 74	1,124,070	.....	.....	.....
Williams	18,892	35 10	661,003	338	94 93	32,086
Wood	29,356	41 59	1,203,596	122	186 00	22,692
Wyandot	18,443	37 12	684,815	9	125 46	1,130
Totals	1,694,497	.....	$56,228,126	5,968	.....	$2,377,661

* Fractional parts of acres and dollars omitted, except in average price per acre.
† See foot note, page 507.

TABLE SHOWING THE NUMBER OF DEEDS RECORDED IN EACH COUNTY FOR SALES OF CITY, TOWN, AND VILLAGE LOTS, WITH TOTAL CONSIDERATION, ALSO THE NUMBER OF MIXED CONVEYANCES IN EACH COUNTY, WITH TOTAL CONSIDERATION, AS REPORTED BY COUNTY RECORDERS, FOR THE YEAR ENDING JUNE 30, 1879.

Counties.	Sales of city, town, and village lots.		Mixed conveyances.	
	Number of deeds.	Total consideration.	Number of deeds.	Total consideration.
Adams	93	$43,245	----	----
Allen	322	318 901	----	----
Ashland	292	231,361	----	----
Ashtabula *	----	----	----	----
Athens *	----	----	----	----
Auglaize	463	†	----	----
Belmont	340	306,984	160	†
Brown	174	88,959	----	----
Butler	385	516,240	17	†
Carroll	106	66,383	41	25,088
Champaign	154	148,862	4	----
Clarke	563	532,811	18	†
Clermont	250	212,000	----	----
Clinton	145	195,000	----	----
Columbiana	707	534,011	25	†
Coshocton	184	110,057	22	†
Crawford	170	297,820	----	----
Cuyahoga	3,104	6,507,853	----	----
Darke	477	401,404	3	†
Defiance	319	224,190	----	----
Delaware	247	223,797	5	3[illegible],731
Erie	283	375,953	----	----
Fairfield	155	991,661	----	----
Fayette	181	189,192	30	†
Franklin	1,347	2,184,467	2,109	†
Fulton	55	40,200	----	----
Gallia	147	†	----	----
Geauga	35	56,345	3	[illegible],320
Greene	187	162,014	9	†
Guernsey	167	104,211	----	----
Hamilton	3,593	8,136,540	----	----
Hancock	260	229,976	----	----
Hardin	435	310,977	----	----
Harrison	167	†	5	†
Henry	87	†	----	----
Highland	116	78,800	----	----
Hocking	80	42,874	8	†
Holmes	117	81,875	----	----
Huron	336	251,127	----	----
Jackson	160	116,897	10	46,[illegible]58
Jefferson	300	66,000	----	----
Knox	234	194,610	----	----
Lake	124	152,477	----	----
Lawrence	215	234,500	12	35,[illegible]2[illegible]
Licking	31	8,194	----	----
Logan	185	110,248	----	----
Lorain	515	525,199	----	----
Lucas	1,074	1,749,225	----	----
Madison	135	99,073	12	†
Mahoning	268	376,562	138	†
Marion	258	161,105	----	----
Medina *	----	----	----	----
Meigs	595	264,285	5	3,[illegible]2[illegible]

TABLE SHOWING THE NUMBER OF DEEDS RECORDED, ETC.—Continued.

Counties.	Sales of city, town, and village lots.		Mixed conveyances.	
	Number of deeds.	Total consideration.	Number of deeds	Total consid.ration.
Mercer	160	$870	.....	.....
Miami	726	598,950	9	$547
Monroe	150	44,261	1	1,653
Montgomery	1,017	1,437,802	.....	.....
Morgan	119	84,939	12	6,864
Morrow	150	99,127	.....	.....
Muskingum	375	311,542	.....	.....
Noble	133	51,390	.....	.....
Ottawa	260	157,037	59	22,752
Paulding	70	30,247	.....	.....
Perry	234	119,314	5	1,914
Pickaway	137	85,156	.....	.....
Pike	65	34,097	.....	.....
Portage	314	217,329	.....	.....
Preble	247	134,588	2	1,333
Putnam	242	110,144	.....	.....
Richland	572	414,152	.....	.....
Ross	254	229,789	.....	.....
Sandusky	415	104,500	.....	.....
Scioto	295	463,614	.....	.....
Seneca	263	274,167	18	37,186
Shelby	184	156,831	38	†
Stark	727	678,193	.....	.....
Summit	304	259,196	20	10,420
Trumbull	516	421,469	8	10,660
Tuscarawas	357	267,575	13	6,017
Union	211	146,696	.....	.....
Van Wert	217	122,143	8	13,426
Vinton	77	31,295	12	32
Warren	194	157,958	58	70,183
Washington	298	135,672	.....	.....
Wayne	417	420,026	.....	.....
Williams	397	179,503	.....	.....
Wood	586	298,860	.....	.....
Wyandot	261	206,169	72	111,049
Totals	31,304	36,737,059	2,971	$449,211

* Not reported.

† No consideration reported.

TABLE SHOWING THE NUMBER OF MORTGAGES (OTHER THAN RAILROAD M
RECORDED AND CANCELED, WITH AMOUNTS SECURED AND RELEASED IN EAC
AS REPORTED BY COUNTY RECORDERS FOR THE YEAR ENDING JUNE 30, 187

Counties.	Number of mortgages recorded.	Amount secured.	Number of mortgages canceled.	
	No.	Amount.	No.	
Adams	244	$241,560	154	
Allen	426	388,875	323	
Ashland	441	460,164	287	
Ashtabula				
Athens	368	237,200	177	
Auglaize	412	206,545	406	
Belmont	607	574,052	446	
Brown	429	283,729	353	
Butler	827	1,139,299	737	
Carroll	249	242,859	163	
Champaign	283	300,342	298	
Clarke	803	8.0,780	779	
Clermont	450	316,900	300	
Clinton	400	395,000	160	
Columbiana	713	547,951	430	
Coshocton	344	327,185	235	
Crawford	594	567,000	157	
Cuyahoga	2,600	4,421,184	2,764	
Darke	782	607,091	648	
Defiance	363	321,613	221	
Delaware	297	351,850	415	
Erie	545	676,472	385	
Fairfield	359	382,303	227	
Fayette	342	642,176	18	
Franklin	1,388	1,860,110	951	
Fulton	492	491,827	234	
Gallia	334	238,670	190	
Geauga	282	240,951	151	
Greene	577	750,978	389	
Guernsey	340	287,393	282	
Hamilton	3,573	6,447,370	2,595	
Hancock	392	488,929	197	
Hardin	562	441,247	349	
Harrison	221	223 241	192	
Henry	407	192,400	103	
Highland	246	244,579	150	
Hocking	161	112,502	99	
Holmes	249	245,757	125	
Huron	634	587,284	511	
Jackson	255	250,987	115	
Jefferson	710	551,.50	350	
Knox	448	496,468	375	
Lake	267	305,229	230	
Lawrence	319	292,197	197	
Licking	477	248,885	202	
Logan	364	323,379	271	
Lorain	721	741,057	698	
Lucas	820	1,294,940	757	
Madison	364	434,379	368	
Mahoning	407	374,498	328	
Marion	359	345,687	272	
Medina	365	353,009	337	
Meigs	340	225,000	125	
Mercer	271	87,260	144	
Miami	740	609,360	511	

TABLE SHOWING THE NUMBER OF MORTGAGES, ETC.—Continued.

Counties.	Number of mortgages recorded.	Amount secured.	Number of mortgages canceled.	Amount released.
	No	Amount.	No.	Amount.
Monroe	292	$1,608,961	176	$144,950
Montgomery	1,509	1,620,617	1,141	2,057,693
Morgan	226	161,584	142	138,856
Morrow	398	306,914	199	300,691
Muskingum	603	589,741	412	494,723
Noble	208	206,851	102	99,777
Ottawa	404	388,662	292	324,948
Paulding	220	125,070	117	48,582
Perry	355	261,341	175	43,470
Pickaway	407	490,836	239	390,255
Pike	127	107,504	40	21,099
Portage	728	597,951	550	750,791
Preble	477	512,902	172	324,220
Putnam	422	333,582	270	195,084
Richland	591	473,400	304	395,636
Ross	543	670,683	214	336,810
Sandusky	506	495,916	397	348,566
Scioto	702	1,006,689	188	166,971
Seneca	828	137,856	723	126,429
Shelby	506	383,240	266	242,662
Stark	1,019	1,624,225	783	968,341
Summit	729	876,013	643	898,144
Trumbull	570	557,104	365	656,568
Tuscarawas	674	473,579	502	479,828
Union	427	479,121	282	368,913
Van Wert	448	201,289	334	216,517
Vinton	141	80,148	71	36,572
Warren	494	198,313	376	501,759
Washington	521	334,774	294	177,666
Wayne	605	740,086	393	593,000
Williams	481	264,242	272	255,650
Wood	673	507,291	361	317,113
Wyandot	444	467,496	327	377,437
Totals	47,336	$49,648,586	33,030	$42,364,832

TABLE SHOWING THE SEVERAL AMOUNTS OF RAILROAD MORTGAGES RECORDED AND CANCELED IN OHIO, AS REPORTED BY THE RECORDER OF EACH COUNTY FOR YEAR ENDING JUNE 30, 1879.

Name of railroad.	Mortgages recorded.	Mo can
Alliance and Lake Erie Railroad	$150,000	----
Ashtabula and Pittsburgh Railroad	1,500,000	----
Central Passenger Railroad Co. (street railroad, Toledo)	50,000	----
Cincinnati and Eastern Railroad	3,500,000	----
Cincinnati Incline Plane Railroad	125,000	----
Cincinnati and Muskingum Valley Railroad	1,500,000	----
Cleveland, Tuscarawas Valley and Wheeling Railroad Co.	700,000	$1
Cleveland, Tuscarawas Valley and Wheeling Railroad Co.*	1,600,000	1
Cleveland and Pittsburgh Railroad	----------	
College Hill Railway Co. (street railroad, Cincinnati)	60,000	----
Columbus, Scioto and Hocking Valley Railroad	1,100 000	----
Consolidated Street Railway Co. (Cincinnati)	150,000	----
Delphos and Kokomo Railroad	91,000	----
Lake Erie and Louisville Railroad	300,000	
Ohio Central Railroad †	1,153,023	----
Pennsylvania Company‡	----------	7
Pittsburgh and Lake Erie Railroad	2,000,000	----
Scioto Valley Railroad	500,000	----
Scioto Valley Railroad	1,300 000	----
Springfield, Jackson and Pomeroy Railroad	900,000	
Springfield, Jackson and Pomeroy Railroad	450,000	
Springfield, Jackson and Pomeroy Railroad **	450,858	----
Toledo and Ann Harbor Railroad	750,000	----
Toledo, Delphos and Indiana Railroad	210,000	----
Toledo, Delphos and Indiana Railroad	210,000	----
Toledo, Delphos and Indiana Railroad	2,500	----
Valley Railway Company	1,600,000	4
Youngstown and Connotton Valley Railroad	750,000	----
Totals	$21,102,881	$15

NOTE.—As railroad mortgages are recorded and canceled in each county which the road passes, and as many of the smaller amounts in such mortgages cluded in the largest sum named on the same road, it is impossible to give an total either in mortgages or cancellations.

* Reported from Stark county.

† Reported from Knox county.

‡ Holmes county reports a cancellation of $3,000,000 for this company, but a the other counties report but $7,000,000, the latter is presumed to be the correct a In some counties, also, this cancellation is reported under the name of the Pitt Fort Wayne and Chicago Railroad.

** Reported from Ross county.

TABLE EXHIBITING THE NUMBER OF LEASES RECORDED IN EACH COUNTY FOR THE YEAR ENDING JUNE 30, 1879, AS REPORTED BY COUNTY RECORDERS

Counties.	Leases of lands.		Leases of city, town, and village lots.	
	Number.	Amount of consideration.	Number.	Amount of consideration.
Adams	----	----	----	----
Allen	12	$940	4	$1,200
Ashland	5	2,495	2	175
Ashtabula	----	----	----	----
Athens	11	300	----	----
Auglaize	8	2,540	----	----
Belmont	2	325	5	1,220
Brown	----	----	----	----
Butler	12	28,812	23	28,251
Carroll	1	200	----	----
Champaign	2	8,379	1	5,000
Clarke	15	†	----	----
Clermont	23	†	10	†
Clinton	----	----	----	----
Columbiana	25	†	8	†
Coshocton	2	150	3	225
Crawford	----	----	----	----
Cuyahoga	29	4,218	129	42,643
Darke	22	†	2	†
Defiance	5	102	5	21,950
Delaware	----	----	3	17,000
Erie	24	19,750	16	8,500
Fairfield	2	----	5	6,710
Fayette	7	6,161	4	2,550
Franklin	5	4,335	42	161,693
Fulton	11	994	3	440
Gallia	----	----	----	----
Geauga	5	†	2	†
Greene	3	15	8	7,941
Guernsey	6	8,231	3	131
Hamilton	40	13,585	511	298,292
Hancock	20	11,960	11	15,070
Hardin	9	†	14	†
Harrison	2	1,700	----	----
Henry	20	5,300	----	----
Highland	2	†	1	200
Hocking	4	1,501	----	----
Holmes	----	----	----	----
Huron	14	†	13	†
Jackson	4	6,100	----	----
Jefferson	----	----	----	----
Knox	10	10,100	3	9,360
Lake	11	†	5	†
Lawrence	7	†	4	----
Licking	11	3,682	20	1,643
Logan	3	600	1	150
Lorain	29	18,129	----	----
Lucas	3	140	22	61,600
Madison	4	4,370	1	1,650
Mahoning	16	918	----	----
Marion	14	2,050	10	1,600
Medina	8	†	----	----

NUMBER OF LEASES RECORDED IN EACH COUNTY—Continued.

Counties.	Leases of lands.		Leases of city, town, and village lots.	
	Number.	Amount of consideration.	Number.	Amount of consideration.
Meigs	28	†	18	$8,775
Mercer	50	†	6	†
Miami	2	$218	7	4,284
Monroe	----	----	----	----
Montgomery	10	†	35	†
Morgan	2	350	----	----
Morrow	6	2,301	----	----
Muskingum	15	6,120	----	----
Noble	8	1,070	----	----
Ottawa	13	418	38	4,552
Paulding	20	†	----	----
Perry	7	†	3	†
Pickaway	5	3,599	1	100
Pike	6	7,341	----	----
Portage	9	896	----	----
Preble	5	1,840	1	100
Putnam	5	1,000	1	†
Richland	3	600	4	1,550
Ross	----	----	14	18,548
Sandusky	----	----	----	----
Scioto	13	4,312	4	7,000
Seneca	6	975	21	3,400
Shelby	2	2,900	5	14,880
Stark	7	†	20	†
Summit	15	†	14	†
Trumbull	4	†	3	400
Tuscarawas	10	†	5	†
Union	4	†	1	420
Van Wert	10	661	2	3,025
Vinton	----	----	----	----
Warren	1	†	6	5,676
Washington	----	----	----	----
Wayne	8	4,000	----	----
Williams	----	----	----	----
Wood	9	†	4	2,963
Wyandot	4	5,157	5	2,610
Totals	757	$211,820	1,112	781,147

† Amount not reported.

AGRICULTURAL STATISTICS

AGRICULTURAL STATISTICS.

TABLES SHOWING THE AGRICULTURAL PRODUCTS OF OHIO, AS REPORTED BY TOWNSHIP ASSESSORS TO COUNTY AUDITORS, IN MAY, 1879.

WHEAT, RYE, AND BUCKWHEAT PRODUCED IN OHIO IN 1878.

Counties.	Wheat.		Rye.		Buckwheat.	
	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.
Adams	18,865	150,372	354	2,381	32	238
Allen	21,407	447,316	486	7,135	60	362
Ashland	33,001	600,518	401	5,901	120	871
Ashtabula	11,735	220,464	362	5,200	444	4,358
Athens	14,343	164,3.5	415	4,0 8	182	2,013
Anglaize	26,252	473,655	362	5,864	165	2,203
Belmont	23,154	303,503	811	8,729	165	1,175
Brown	29,679	312,441	2,499	20,579	75	818
Butler	39,653	564,944	284	2,994	126	1,804
Carroll	16,856	245,149	729	7,9 9	158	1,140
Champaign	34,868	634 462	252	3,450	99	1,066
Clarke	33,882	621,225	643	9,632	21	404
Clermont	19,707	249 354	2,139	19,401	156	1,914
Clinton	25,505	371,905	704	9,073	120	1,223
Columbiana	21,748	2-9,609	1,184	14,055	394	3,779
Coshocton	28,533	440 376	604	6,634	339	2,377
Crawford	29,883	617,786	215	3,180	40	409
Cuyahoga	8,703	184,346	1,526	30,733	30	303
Darke	47,484	852,534	1,375	23,0 4	283	2,802
Defiance	21,243	366,508	479	8,405	404	4,816
Delaware	18,188	347,708	866	12,593	197	1,197
Erie	21,936	515,318	181	2,751	2-6	2,363
Fairfield	40,849	624,707	6 4	8,056	49	475
Fayette	16,935	279,062	790	12,590	33	770
Franklin	29,044	567,064	938	15,467	121	1,566
Fulton	24,543	446,486	529	7,375	998	11,956
Gallia	27,269	267,124	298	2,344	124	1,211
Geauga	5,561	94,834	152	2,157	75	639
Greene	39,321	702,759	447	6,552	22	453
Guernsey	15,4 5	180,959	793	7,530	324	2,574
Hamilton	11,547	158,133	2,048	27,069	173	3,059
Hancock	41,808	822,453	255	4,207	98	999
Hardin	25,264	569,691	138	2,443	136	1,188
Harrison	13,539	211,107	408	4,277	104	1,062
Henry	18,9 8	359,175	1,707	34,470	486	7,262
High'and	36,491	403,789	865	7,726	43	372
Hocking	10,606	49,662	581	4,245	285	2,573
Holmes	27,764	502,718	796	9 528	224	1,675
Huron	30,344	649,941	210	2,218	107	1,128
Jackson	11,418	75,411	143	901	173	1,546
Je erson	21,781	274,345	351	3,980	69	468
Knox	31,058	478,026	955	10,628	309	2,821

WHEAT, RYE, AND BUCKWHEAT PRODUCED IN OHIO IN 1878—Continued.

Counties.	Wheat.		Rye.		Buckwheat.	
	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.
Lake	6,395	124,272	463	8,650	306	4,677
Lawrence	16,735	114,394	1[illegible]1	1,312	62	491
Licking	30,900	470,[illegible]51	1,342	19 0[illegible]5	493	5,603
Logan	30,5[illegible]5	569,474	573	5,916	149	1,084
Lorain	18,796	395,96[illegible]	227	3,[illegible]08	20	205
Lucas	12,406	195,516	569	9,414	90[illegible]	10,744
Madison	9,[illegible]99	177,741	9[illegible]4	14,438	35	387
Mahoning	11,470	172,141	7[illegible]0	9,604	2[illegible]0	2,356
Marion	17,699	334 867	117	1,955	44	507
Medina	16,[illegible]53	331,757	4[illegible]0	7,5[illegible]2	53	411
Meigs	19,[illegible]08	210,207	630	5,042	194	2,791
Mercer	24,[illegible]81	375,453	5[illegible]0	8,028	109	940
Miami	36,672	685,190	69[illegible]	10,115	94	761
Monroe	16,805	189,118	2,233	19,924	268	2,222
Montg[illegible]mery	36,[illegible]69	5[illegible]4,[illegible]12	460	6,6[illegible]3	17	156
Morgan	16,294	2[illegible]6,977	441	4,403	149	1,406
Morrow	13,696	249,313	661	8,458	130	790
Muskingum	28,118	417,277	1,025	13,799	166	1,423
Noble	14,[illegible]52	1[illegible]6,[illegible]91	597	6,918	[illegible]1	[illegible]10
Ottawa	13,6[illegible]0	255,121	356	6 679	79	1,039
Paulding	7,704	115,367	49[illegible]	6,405	243	2,244
Perry	16,207	209,006	891	10,565	1[illegible]0	1,666
Pickaway	39,637	6[illegible]2,593	521	7,[illegible]56	50	734
Pike	11,570	[illegible]7,847	203	1 237	6[illegible]	4[illegible]9
Portage	15,823	274,[illegible]90	604	8,363	19[illegible]	1,504
Preble	29,956	422,757	47[illegible]	5,958	6[illegible]	445
Putnam	24,077	3[illegible]8,613	1,25[illegible]	19,587	159	1,671
Richland	30,0[illegible]0	669,[illegible]87	7[illegible]0	9,499	143	1,118
Ross	34,[illegible]14	4[illegible]0,717	8[illegible]9	8 406	4[illegible]	437
Sandusky	41,474	[illegible]35,523	[illegible]91	5,075	19[illegible]	1,689
Scioto	11,6[illegible]5	114,445	41	183	9[illegible]	713
Seneca	59,969	1,[illegible]45,983	161	2,936	64	628
Shelby	27,[illegible]61	454,370	3[illegible]6	5,00[illegible]	2[illegible]0	1,914
Stark	52,9[illegible]5	1,001,666	470	6,779	71	735
Summit	25,955	51[illegible],979	352	5,150	41	1,830
Trumbull	9,976	161,80[illegible]	[illegible]64	6,966	4[illegible]1	4,198
Tuscarawas	32 7[illegible]3	567,4[illegible]0	6[illegible]1	7,310	1[illegible]4	1,147
Union	17,442	30[illegible],170	273	4,407	74	633
Van Wert	15,721	251,823	971	12,932	2[illegible]7	2,456
Vinton	7,599	73,601	3[illegible]8	2,862	177	1,707
Warren	26,[illegible]92	392,482	6[illegible]8	5,915	19[illegible]	2,270
Washington	28,916	403,583	2 [illegible]6	20,[illegible]96	3[illegible]0	4,036
Wayne	4[illegible],982	1,0[illegible]5,862	403	12 0[illegible]3	6[illegible]	483
Williams	28,597	501,098	[illegible]28	2,339	19[illegible]	1,926
Wood	24,417	449,[illegible]96	971	18,060	734	8,377
Wyandot	29,103	6[illegible],9[illegible]9	117	1,[illegible]25	5[illegible]	6[illegible]8
Totals	2,12[illegible],9[illegible]8	35,21[illegible],783	5[illegible].041	756,50[illegible]	16,153	165,448

OATS, BARLEY AND CORN PRODUCED IN OHIO IN 1878.

Counties.	Oats.		Barley.		Corn.	
	Acres	Bushels.	Acres.	Bushels	Acres.	B
Adams	8,758	173,051	33	869	34,527	
Allen	9,082	278,175	99	2,342	34,864	
Ashland	17,043	601,982	207	4,515	25,895	
Ashtabula	20,640	694,945	66	1,492	15,225	
Athens	2,392	70,142			21,405	
Auglaize	11,695	366,185	426	8,980	37,182	
Belmont	12,967	385,336	205	3,791	28,734	
Brown	10,872	218,424	28	586	46,656	
Butler	7,997	224,887	11,841	435,150	68,041	
Carroll	13,873	474,267	9	311	14,813	
Champaign	9,984	259,106	55	1,897	51,478	
Clarke	7,009	220,314	239	7,602	45,575	
Clermont	11,866	285,324	63	1,236	46,601	
Clinton	5,456	147,193	40	1,480	67,381	
Columbiana	19,169	698,506	87	1,560	20,370	
Coshocton	11,009	333,480	13	197	35,655	
Crawford	17,283	617,908	232	4,658	32,048	
Cuyahoga	15,292	562,522	217	5,915	12,993	
Darke	20,670	755,020	1,221	32,741	75,861	
Defiance	11,600	334,193	88	1,961	21,626	
Delaware	8,756	306,998	13	539	43,125	
Erie	8,460	313,184	1,307	33,635	18,304	
Fairfield	6,237	158,368	488	18,471	55,070	
Fayette	1,830	50,162			74,539	
Franklin	7,083	245,845	79	2,687	71,711	
Fulton	12,382	410,850	48	1,016	24,468	
Gallia	4,881	83,712			26,246	
Geauga	9,950	393,170	16	437	7,363	
Greene	4,784	166,045	442	14,967	58,363	
Guernsey	9,846	279,802	32	616	23,190	
Hamilton	6,473	148,483	3,086	104,048	31,687	
Hancock	10,377	325,008	54	1,136	49,844	
Hardin	7,859	245,584	71	1,913	38,741	
Harrison	7,305	234,789	30	984	16,145	
Henry	7,402	238,527	45	982	27,542	
Highland	7,568	159,521	52	447	61,781	
Hocking	4,121	73,827	4	41	17,759	
Holmes	16,010	554,092	78	1,540	25,007	
Huron	19,657	718,739	305	6,856	31,746	
Jackson	7,181	123,175	2	12	20,853	
Jefferson	10,618	371,237	99	2,033	16,789	
Knox	12,750	386,317	20	303	41,555	
Lake	6,242	228,730	980	24,407	7,110	
Lawrence	5,603	95,414	29	542	21,559	
Licking	11,609	363,062	15	438	55,419	
Logan	6,007	189,596	21	650	41,364	
Lorain	14,185	557,432	935	21,942	19,191	
Lucas	6,964	223,195	289	6,829	16,734	
Madison	2,444	69,811			74,869	
Mahoning	14,181	535,763	83	1,652	14,655	
Marion	10,964	382,046	149	2,502	41,888	
Medina	15,764	577,702	42	1,164	17,301	
Meigs	4,959	85,669	75	1,468	19,432	
Mercer	16,548	510,010	203	4,949	35,065	
Miami	14,186	483,153	1,412	43,577	57,184	
Monroe	11,400	253,563	24	535	20,879	
Montgomery	15,658	523,292	2,494	86,551	50,336	
Morgan	4,236	105,194	3	79	18,997	
Morrow	12,818	436,135	20	293	29,103	

OATS, BARLEY AND CORN PRODUCED IN OHIO IN 1878—Continued.

Counties.	Oats.		Barley.		Corn.	
	Acres.	Bushels.	Acres.	Bushels.	Acres.	Bushels.
Muskingum	9,446	272,650	96	2,558	36,229	1,371,174
Noble	6,418	145,223	.....	.....	21,291	735,733
Ottawa	3,299	93,719	157	7,974	13,102	368,540
Paulding	3,688	85,683	228	7,179	11,062	224,960
Perry	4,294	98,066	136	6,859	20,642	743,256
Pickaway	2,281	72,013	92	3,190	92,076	3,726,238
Pike	6,830	126,759	461	15,980	29,847	828,706
Portage	14,419	497,068	36	738	13,360	706,966
Preble	14,790	462,856	769	22,684	53,747	1,973,987
Putnam	5,701	153,544	57	1,518	35,773	1,071,659
Richland	23,738	806,274	146	4,168	31,243	1,020,412
Ross	3,367	67,269	40	1,745	78,169	2,761,170
Sandusky	11,156	373,825	270	6,357	31,283	1,226,374
Scioto	8,475	135,274	186	5,167	24,085	559,247
Seneca	16,967	572,663	73	1,697	39,205	1,360,511
Shelby	16,651	557,904	777	19,266	42,215	1,584,375
Stark	25,439	1,018,082	476	15,264	27,748	1,477,532
Summit	14,284	542,382	63	14,010	15,422	1,077,945
Trumbull	16,304	561,842	66	4,275	14,998	934,028
Tuscarawas	18,610	621,542	136	3,252	24,466	822,763
Union	7,300	223,443	4	180	51,430	2,130,561
Van Wert	8,193	226,709	90	2,039	30,056	808,707
Vinton	3,120	59,977	.....	.....	14,419	375,631
Warren	10,007	292,252	5,012	191,402	58,030	2,374,900
Washington	10,476	212,610	3	109	25,516	668,193
Wayne	24,123	912,403	285	6,870	32,426	1,234,570
Williams	13,591	437,289	38	1,099	24,900	838,348
Wood	14,887	450,618	531	11,880	52,503	1,880,521
Wyandot	8,326	283,180	17	315	35,313	1,360,716
Totals	937,315	29,671,231	38,461	1,265,299	3,039,380	114,839,127

COMPARATIVE TABLE, EXHIBITING THE NUMBER OF BUSHELS OF WHEAT AND CORN PRODUCED ANNUALLY, FROM 1850 TO 1878, INCLUSIVE.

Year.	Bushels of wheat.	Average number of bushels to acre.	Bushels of corn.	Average number of bushels to acre.
1850	31,500 000	18.	16,619,608	36.8
1851	25 3 9, 25	15.2	61,171,2-2	36.7
1852	23,0 3,737	14.1	58,165,517	33.9
1853	17,118,311	12.	73,436,070	40.
1854	11,8-9,110	8.	52,171,551	26.
1855	19,569,320	13.81	87,587,434	39.7
1856	15.333,837	10.2	57,802,515	27.7
1857	25,397.614	14.	82,555,186	36.9
1858	17,655,483	10 4	50,863,582	27.7
1859	13,347,967	7.3	68,730,846	29.
1860	23,610,356	12.8	91,588,704	38.
1861	20,055,424	11.	74 8 8,878	33.
1862	29,764,887	12.	62,764,8-7	30.
1863	20.452,410	11.36	54.614,617	27.
1864	15,541,3-5	9.33	54 053,491	27.
1865	13,234,139	9.	68,053,664	35.
1866	5,824,747	4 50	80,386,320	36 50
1867	13,35 ,726	11 51	63,-75,064	29 84
1868	16,480,059	11 31	76,725,284	34 37
1869	26,499,729	15 37	62,443,316	24 36
1870	18,726,341	11 29	88,565,269	37 52
1871	22.274.378	13 27	98,363,160	36 67
1872	18,087,664	11.22	103,053,234	40 59
1873	21,974,385	12.61	84,049,328	35. 97
1874	26,-96,818	14 51	101 815,494	39. 75
1875	17,867,967	9.22	97,825,024	34. 08
1876	15,354,569	10 18	112,552,642	36. 57
1877	27,306,566	15 63	101,8-4,305	32. 48
1878	35,218,783	16.58	114,839,127	37. 78

SUMMARY.

The total number of bushels of wheat produced in Ohio in 1878 exceeds the production of any previous year, and the average number of bushels to the acre is greater than in any year since 1850

The total number of bushels of corn also exceeds the production of any previous year, and the average number of bushels of corn to the acre is greater than in any year since 1874.

ATIVE TABLE, EXHIBITING THE NUMBER OF BUSHELS OF OATS AND BUCKWHEAT PRODUCED ANNUALLY, FROM 1837–8, TO 1878, INCLUSIVE.

Years.	Oats — total number of bushels.	Average number bushels oats per acre.	Buckwheat — total number of bushels.	Average number bushels buckwheat to acre.
	26,572,674			
	8,026,251	12.	791,921	11.11
	15,048,910	23.	3,042,176	20.23
	25,127,724	30.	763,939	11 43
	17,798,794	24.	696,623	13 55
	11,802,170	20.	179,135	8 56
	11,317,561	20.	200,000	9.80
	14,579,295	24.	965,679	13.58
	17,586,664	25.	831,985	24.74
	21,856,564	28.	1,292,415	12 43
	18,531,222	24.	590,245	10.19
	19,658,852	23.	562,256	10 97
	24,417,799	29.18	223,766	7.70
	24,819,908	26.88	287,643	11 77
	32,696,127	32 69	177,938	11.88
	25,825,742	26 58	266,807	7.65
	20,094,904	25 37	213,074	10 14
	19,557,014	22.	240,015	12.04
	23,434,868	25.33	377,333	12.
	23,379,489	24.46	222,439	8 37
	29,325,611	31.75	225,822	10.15
	29,671,231	31.65	165,448	10.24

COMPARATIVE TABLE, SHOWING THE NUMBER OF BUSHELS OF RYE AND BARLEY PRODUCED ANNUALLY, FROM 1859 TO 1878 INCLUSIVE.

Years.	Rye—total number of bushels.	Average number of bushels rye to acre.	Barley—total number of bushels.	Average number of bushels barley to acre.
1859	576,274	.....	.....	.....
1860	1,078,764	11.40	1,548,477	21.
1861	779,829	11.22	1,255,049	21.
1862	823,291	14.34	1,292,041	22.
1863	305,969	9.43	1,329,951	18.
1864	503,316	10.30	2,337,213	21.25
1865	910,518	10.43	2,419,900	17.
1866	622,333	7.98	1,353,955	14.
1867	1,025,291	9.44	1,604,179	19.
1868	815,666	9.30	815,778	20.26
1869	852,722	11.28	1,689,416	23.18
1870	331,196	9.43	1,502,007	19.
1871	428,014	11.56	1,941,240	23.89
1872	295,843	11.75	1,528,266	21.98
1873	291,829	10.45	1,074,906	21.55
1874	231,435	9.94	1,233,914	20.65
1875	415,666	11.31	505,513	12.37
1876	442,238	9.35	967,313	19.53
1877	914,106	12.21	1,629,817	22.68
1878	756,502	13.03	1,265,299	22.89

TIMOTHY AND CLOVER PRODUCED IN OHIO IN 1878.

nties.	Timothy.		Clover.			
	Acres.	Tons hay.	Acres.	Tons hay.	Bushels seed.	Acres plowed under for manure.
.....	10,151	9,616	1,883	685	1,609	164
.....	11,398	21,322	5,050	4,421	2,211	434
.....	24,523	30 313	7,325	6,668	4,414	509
la	46,377	54,396	361	575	33	59
.....	18,343	22,078	367	285	21	24
.....	9,901	11,673	3,332	3,822	1,975	411
.....	28,262	32,802	1,576	1,604	464	62
.....	13,979	12,161	3,113	741	49	391
.....	8,032	10,166	13,867	3,228	1,454	3,659
.....	25,088	29,309	3,709	4,034	3,560	7
ign	11,882	12,417	4,638	4,491	3,458	694
.....	11,779	16,009	8,717	4,522	3,340	2,097
t	16,522	14,681	5,399	994	124	1,439
.....	9,278	11,400	1,347	1,161	647	519
ana.....	34,751	46,370	6,462	8,287	5,054	109
on	20,507	23,774	3,469	3,129	2,621	144
d	16,746	23,722	10,029	13,387	6,146	386
pa.....	34,295	41,411	105	159	9	8
.....	9,723	12,161	13,321	7,341	3,288	3,618
.....	12,835	17,183	3,539	3,482	4,504	484
e	25,471	33,315	3,028	3,976	2,934	467
.....	9,382	12,999	3,640	3,790	2,607	1.010
.....	12,999	18,440	5,787	5,657	7,454	261
.....	7,590	10,182	1,365	240	147	73
.....	15,343	20,839	3,388	2,588	891	1,416
.....	16,673	21,161	3,328	3,715	3,668	229
.....	11,928	10,053	673	410	90	207
.....	31,594	37,516	365	508	7	51
.....	9,325	13,990	8,569	4,111	1,581	2,617
y	29,110	34,503	1,051	996	441	6
n	12,330	16,514	3,813	3,793	99	533
s	17,172	24,508	6,075	7,061	5,111	537
.....	13,138	17,670	3,490	4,256	1,894	378
.....	27,357	34,846	667	874	497	22
.....	7,767	10,006	2,200	2,723	2,460	168
d	15,236	15,950	839	590	883	30
f	11,815	12,683	892	817	520	38
.....	13,799	18,050	9,547	11,673	7,598	267
.....	31,693	38,649	6,193	6,147	4,011	344
.....	13,582	12,848	199	38	23	23
n	23,954	30,348	1,473	1,371	3,110	35
.....	22,753	27,914	5,174	5,511	3,744	239
.....	14,047	17,240	843	1,266	425	233
ne	6,100	5,742	1,618	405	33	245
.....	30,865	42,685	3,145	2,893	1,580	76
.....	13,200	16,814	5,702	5,756	3,519	232
.....	40,462	49,720	1,427	1,670	1,654	63
.....	11,704	16,841	2,177	2,647	2,233	428
.....	14,167	19,970	415	257	48	115
ng.....	31,971	42,153	5,130	6,653	5,415	446
.....	15,929	20,772	5,329	6,563	3,611	243
.....	33,991	41,687	3,272	3,715	2,517	443
.....	13,528	14,928	873	455	51	437
.....	10,510	13,357	4,317	4,560	2,671	471
.....	7,196	9,110	10,440	5,607	2,009	3,178

TIMOTHY AND CLOVER—Continued.

Counties.	Timothy.		Clover.		
	Acres.	Tons hay.	Acres.	Tons hay.	bushel seed.
Monroe	19,004	17,609	1,069	842	576
Montgomery	10,427	12,536	17,602	11,312	2,247
Morgan	16,524	19,811	1,459	1,491	1,075
Morrow	28,033	35,875	2,513	3,145	1,607
Muskingum	32,239	38,022	2,773	2,407	963
Noble	16,105	19,510	369	321	94
Ottawa	7,953	11,484	1,221	1,803	1,110
Paulding	5,740	7,192	786	807	729
Perry	17,867	20,622	1,184	1,044	1,146
Pickaway	11,895	10,725	4,696	2,595	2,039
Pike	6,300	5,553	1,071	208	29
Portage	36,124	44,630	2,908	3,798	2,136
Preble	7,829	7,777	15,929	4,073	2,446
Putnam	14,174	15,057	3,203	3,821	3,489
Richland	22,515	28,011	13,206	11,133	5,981
Ross	11,389	8,146	4,796	1,150	970
Sandusky	11,325	13,921	8,198	1,018	3,485
Scioto	8,665	7,629	539	248	9
Seneca	20,460	22,954	13,570	14,618	6,582
Shelby	8,050	9,014	5,318	4,027	2,953
Stark	28,936	42,216	13,147	18,538	6,252
Summit	22,788	31,901	4,882	6,910	2,158
Trumbull	56,602	69,170	977	1,278	577
Tuscarawas	25,349	32,832	10,716	11,481	8,744
Union	17,950	25,104	2,269	2,921	869
Van Wert	10,684	13,762	2,528	2,385	773
Vinton	10,347	9,738	265	141	35
Warren	10,584	12,120	6,364	1,416	285
Washington	23,332	25,417	1,874	1,540	291
Wayne	24,015	36,513	14,631	20,722	8,640
Williams	16,065	19,785	4,956	4,344	4,722
Wood	14,791	20,485	4,072	4,704	3,700
Wyandot	14,751	19,196	4,843	5,466	3,447
Totals	1,586,778	1,951,488	368,219	338,985	199,581

COMPARATIVE TABLE OF TIMOTHY AND CLOVER.

Year.	Timothy.			Clover				
	Number of acres.	Tons of hay.	Average yield per acre.	Number of acres.	Tons of hay.	Bushels of seed.	Average yield of clover hay per acre.	No. of acres plowed under.
1858	1,357,874	1,806,461	1.33	.....	.....	.....	.....	.....
1859	1,340,672	1,366,055	1.02	.....	.....	.....	.....	.....
1860	1,538,562	2,027,160	1.33	.....	.....	.....	.....	.....
1861	1,461,418	1,708,201	1.16	.....	.....	.....	.....	.....
1862	1,570,252	2,067,280	1.32	.....	.....	.....	.....	.....
1863	1,195,560	1,095,489	.90	403,881	301,475	151,606	.74	.....
1864	1,252,471	1,204,921	.95	346,457	269,070	105,837	.77	27,398
1865	1,420,191	1,852,303	1.32	390,991	359,856	217,391	.92	33,675
1866	1,410,081	1,839,504	1 30	251,941	159,671	62,200	.61	30,199
1867	1,586,704	1,993,405	1.25	313,520	286,537	147,846	.91	26,811
1868	1,532,342	1,743,537	1.13	942,391	254,895	47,635	.27	32,689
1869	1,488,581	1,784,947	1.19	401,629	360,265	98,570	.89	36,648
1870	1,390,522	1,554,622	1.11	340,440	401,398	367,069	1.17	34,692
1871	1,377,876	1,526,806	1 10	450,009	401,415	384,974	.89	46,998
1872	1,322,387	1,270,779	.96	549,557	493,171	308,903	.89	51,552
1873	1,315,157	1,302,164	.99	651,158	568,048	205,944	.87	64,089
1874	1,310,837	1,145,999	.83	502,268	362,386	194,066	.72	40,277
1875	1,434,174	1,477,966	1 03	222,748	249,726	66,057	1.12	28,965
1876	1,541,015	1,799,908	1.16	467,599	447,417	157,459	.91	46,617
1877	1,739,813	2,160,334	1.24	334,877	286,265	251,984	.85	44,891
1878	1,586,778	1,951,488	1 22	388,219	338,985	199,581	.87	53,021

FLAX AND POTATOES PRODUCED IN OHIO IN 1878.

Counties.	Flax.			Potatoes.		Sweet
	Acres.	Bushels seed.	Pounds fiber.	Acres.	Bushels.	Acres.
Adams	12	106	.....	462	21,406	20
Allen	1,372	10,349	172,598	892	40,379	41
Ashland	1,644	13,525	798,831	1,0 5	67,679	6
Ashtabula	74	643	27,000	3,120	191,045	.....
Athens	.....	.....	.....	1,126	69,068	23
Auglaize	1,231	9,936	41,775	1,015	60,490	9
Belmont	1	4	30	1,340	100,085	15
Brown	5	40	.....	1,795	105,898	24
Butler	633	5,105	25	1,303	89,000	44
Carroll	5	*	18	449	34,209	1
Champaign	557	5,623	.....	676	62,144	18
Clarke	1,079	11,282	182,500	1,012	9?,070	82
Clermont	167	1,400	2,600	7,002	384,322	197
Clinton	933	8,791	24,963	1,496	92,452	45
Columbiana	222	2,200	43,960	1,409	95,374	7
Coshocton	1	1	10	806	57,116	3
Crawford	331	2,744	.....	1,127	74,385	10
Cuyahoga	.....	.....	.....	3,114	207,548	1
Darke	2,992	32,359	143,515	1,930	154,862	46
Defiance	8	43	.....	943	67,738	6
Delaware	588	7,104	73,708	1,040	72,688	1
Erie	4	46	.....	1,757	151,035	2
Fairfield	2	25	.....	1,426	104,491	95
Fayette	41	604	5,004	500	38,705	29
Franklin	62	*	116	2,545	156,481	8
Fulton	67	685	6,000	1,172	89,406	10
Gallia	.....	.....	.....	1,353	93,998	25
Geauga	259	2,351	105,003	1,795	86,193	.....
Greene	1,980	18,224	731,631	918	59,927	40
Guernsey	1	9	.....	583	38,894	13
Hamilton	.....	.....	.....	6,016	284,032	147
Hancock	2,432	20,615	240,035	1,074	72,277	14
Hardin	797	7,808	16,060	865	70,756	6
Harrison	.....	.....	.....	371	28,310	4
Henry	4	38	70	964	80,860	2
Highland	2	22	.....	1,316	78,957	30
Hocking	.....	.....	.....	1,027	63,377	69
Holmes	4	12	75	817	62,650	6
Huron	193	1,351	6,000	1,015	68,103	5
Jackson	2	14	30	643	35,599	8
Jefferson	1	4	.....	753	49,547	4
Knox	2,367	21,135	32,408	1,170	73,833	10
Lake	27	238	.....	2,143	96,807	1
Lawrence	.....	.....	.....	701	35,540	40
Licking	229	2,424	.....	1,660	122,248	14
Logan	291	2,673	.....	666	52,715	10
Lorain	75	633	25,340	1,566	116,625	21
Lucas	115	1,247	....	2,181	145,522	4
Madison	138	1,363	.....	7?0	43,629	7
Mahoning	1,244	11,077	1,031,568	1,289	107,923	9
Marion	388	3,466	16,650	887	60,061	5
Medina	1,590	10,833	405,000	991	61,222	1
Meigs	1	8	150	2,106	121,496	30
Mercer	1,295	11,336	279	707	50,040	2
Miami	5,704	67,404	990,985	1,195	103,168	41
Monroe	1	9	150	1,167	55,801	8
Montgomery	2,594	25,949	855,946	1,687	97,969	96

FLAX AND POTATOES PRODUCED IN OHIO IN 1878—Continued.

Counties.	Flax.			Potatoes.		Sweet potatoes	
	Acres.	Bushels seed.	Pounds fiber.	Acres.	Bushels.	Acres.	Bushels.
an	.....	.....	.....	747	45,232	61	4,713
w	1,394	12,686	.....	870	54,867	.....	.....
ington	.....	.....	.....	1,550	108,262	82	10,747
	.....	.....	.....	434	27,227	4	345
ra	1	4	.....	736	36,318	8	348
ing	74	573	.....	472	25,775	6	414
	14	124	130	1,027	69,190	33	1,829
way	.....	.....	.....	1,032	69,101	34	2,353
	5	2	130	782	36,090	16	1,168
ge	710	7,259	3,267,770	2,411	196,971	1	150
s	4,181	42,976	44,755	902	67,451	37	2,768
m	152	1,537	6,300	1,168	90,276	6	479
and	248	2,121	.....	1,445	91,052	2	219
	.....	.....	.....	1,124	68,400	12	1,404
isky	1	10	15	1,487	99,056	11	1,046
	.....	.....	.....	1,511	55,324	42	2,029
a	336	2,764	10	1,343	76,651	10	634
y	2,061	21,549	13,025	959	69,092	10	366
	224	1,896	214,800	1,570	134,386	3	644
it	.....	.....	.....	1,290	86,227	*	332
bull	1,600	15,319	1,371,130	708	104,353	6	236
rawas	4	28	.....	1,108	90,110	3	137
	778	7,430	516,400	721	57,781	1	169
Vert	990	8,041	82,441	852	41,157	12	657
n	.....	.....	.....	519	32,200	11	944
en	1,439	14,647	189,089	1,691	109,787	162	13,572
ington	1	2	25	2,308	125,786	104	10,529
e	406	7,604	350,040	1,633	94,170	22	1,114
ams	176	1,569	.....	880	66,997	12	792
	85	643	.....	1,386	93,602	7	258
dot	338	3,217	.....	949	54,672	2	212
Totals	48,986	474,669	12,036,083	116,513	7,580,118	2,135	159,708

* Not reported.

COMPARATIVE TABLE, SHOWING THE ACREAGE AND ANNUAL PRODUCTION O
TOES IN OHIO, FROM 1860 TO 1878, INCLUSIVE.

Year.	Acres	Bushels.
1860	96,254	9,365,386
1861	80,949	6,556,901
1862	75,367	5,169,327
1863	80,785	5,297,408
1864	81,972	6,811,055
1865	70,515	4,827,354
1866	94,226	6,725,577
1867	87,149	5,744,530
1868	103,287	7,449,247
1869	118,862	10,274,605
1870	87,787	6,121,590
1871	109,630	8,755,193
1872	105,896	7,832,297
1873	78,199	5,966,316
1874	107,911	7,384,907
1875	142,397	13,907,694
1876	116,057	7,066,097
1877	127,685	10,504,278
1878	116,513	7,580,118

TOBACCO PRODUCED IN 1878.

Counties.	Tobacco.	
	Acres planted.	Pounds produced.
s	400	289,381
	17	1,243
nd		
bula	4	7,685
s	134	129,035
ize	15	5,335
nt	1,769	1,913,411
a	3,033	2,490,551
r	353	76,113
ll		
paign	14	3,765
s	65	72,038
ont	2,097	1,862,096
n	19	16,127
bbiana	1	225
cton	2	2,190
ord	3	630
oga	1	565
	1,099	1,250,777
ice	61	66,805
are	11	1,779
	1	125
ld	8	1,604
te	3	615
lin	4	395
a		
	114	75,440
a	7	1,193
s	419	568,567
sey	961	795,895
ton	3	650
ck	1	315
a	2	1,650
on	56	17,492
	8	6,306
and	46	33,757
ng	15	11,050
e	5	1,742
n	4	1,410
on	2	400
	8	3,393
	22	16,400
nce	125	91,790
g	2	1,970
	5	3,475
	15	4,365
	2	965
n	2	2,165
ing	1	40
a	1	75
a	29	36,510
	5	3,385
r	7	3,035
	329	333,769
e	3,0-0	2,794,595
omery	7,144	8,112,110
n	831	711,633

SORGHUM, MAPLE SUGAR AND SIRUP, NUMBER OF HIVES OF BEES, AND AMOUNT OF HONEY PRODUCED IN OHIO IN 1878.

Counties.	Sorghum.			Maple sugar and sirup.		Bees and honey.	
	Acres planted	Pounds sugar.	Gallons sirup.	Pounds sugar.	Gallons sirup.	Number hives.	Pounds honey.
Adams	297	171	15,621	5,885	4,381	1,734	23,597
Allen	159	36	9,843	3,751	2,864	1,686	18,566
Ashland	9	15	582	86,616	16,233	2,014	27,503
Ashtabula	1	.....	93	505,242	13,374	617	10,624
Athens	155	639	11,797	2,509	1,547	1,690	35,923
Auglaize	419	70	21,768	3,955	1,895	1,124	16,255
Belmont	240	18	24,613	515	2,184	4,676	71,048
Brown	278	1	16,952	740	1,875	2,136	33,451
Butler	102	320	9,520	70	4,027	1,516	30,426
Carroll	59	.....	3,313	954	784	2,294	30,957
Champaign	120	.....	15,406	15,559	8,550	1,834	19,843
Clarke	145	.....	12,210	60	261	1,722	19,542
Clermont	312	70	18,703	136	1,436	1,532	29,038
Clinton	201	66	23,062	20,137	9,736	1,604	21,917
Columbiana	59	25	3,508	24,494	15,805	3,246	36,531
Coshocton	186	1,397	11,292	1,637	926	4,114	40,791
Crawford	70	61	5,878	6,797	4,490	2,014	18,927
Cuyahoga	1	.....	49	89,819	9,159	1,252	20,414
Darke	818	.....	79,263	954	5,916	2,435	25,848
Defiance	243	28	24,583	3,553	1,366	1,977	34,589
Delaware	103	316	10,000	16,885	13,729	1,450	34,153
Erie	23	14	2,209	10,475	664	451	12,257
Fairfield	175	.....	17,075	2,645	4,217	3,871	45,394
Fayette	42	268	5,583	165	484	2,048	24,019
Franklin	243	161	8,382	120	659	2,515	32,293
Fulton	124	61	11,019	466	216	2,117	37,618
Gallia	494	210	36,160	1,720	446	1,818	27,550
Geauga	.....	.....	.....	681,789	9,026	744	13,480
Greene	120	.....	10,655	15,096	8,227	2,691	26,159
Guernsey	406	63	28,576	266	605	3,355	53,838
Hamilton	35	331	2,347	.....	555	1,207	27,164
Hancock	47	15	5,426	14,138	8,315	2,235	34,430
Hardin	127	.....	8,531	6,172	2,542	2,681	37,231
Harrison	112	.....	8,009	328	1,193	2,941	45,978
Henry	209	120	19,259	420	783	1,487	37,102
Highland	227	212	18,553	5,156	3,738	1,788	33,451
Hocking	274	20	20,658	704	779	1,201	18,499
Holmes	61	32	3,715	6,036	2,186	3,332	50,027
Huron	62	194	3,680	33,658	5,526	1,405	22,682
Jackson	398	.....	29,685	510	143	970	14,534
Jefferson	110	.....	5,639	235	1,901	2,265	25,678
Knox	75	851	4,361	29,216	11,155	2,989	42,597
Lake	.....	.....	.....	78,163	3,799	704	18,359
Lawrence	540	1,675	60,198	500	199	1,169	18,692
Licking	159	246	20,546	9,021	13,511	3,382	49,931
Logan	102	.....	9,484	214,347	24,062	2,398	21,781
Lorain	41	37	3,747	81,794	6,449	1,194	18,054
Lucas	34	8	2,644	235	19	1,400	31,547
Madison	377	292	6,494	360	50	2,407	36,085
Mahoning	21	110	1,354	101,307	36,702	1,776	21,220
Marion	60	13	5,217	1,851	1,256	1,978	30,465
Medina	11	.....	773	186,575	20,087	1,075	23,320
Meigs	290	.....	21,343	1,072	408	1,680	31,821
Mercer	387	.....	36,295	1,189	300	846	14,259
Miami	387	678	34,714	2,080	6,634	1,360	15,230
Monroe	616	.....	34,934	2,712	220	2,467	31,906

SORGHUM, MAPLE SUGAR AND SIRUP, ETC.—Continued.

Counties.	Sorghum.			Maple sugar and sirup.		Bees and
	Acres planted	Pounds sugar.	Gallons sirup.	Pounds sugar.	Gallons sirup.	Number hives.
Montgomery	235	.....	31,335	7,937	7,582	1,341
Morgan	315	.....	26,804	124	802	1,917
Morrow	28	745	2,237	37,847	14,256	1,324
Muskingum	276	20	23,696	88	518	3,667
Noble	376	16	28,495	520	123	1,825
Ottawa	67	.....	4,395	120	39	605
Paulding	198	29	13,581	1,019	322	1,457
Perry	258	2	18,011	5,447	4,927	2,073
Pickaway	127	185	10,020	1,109	1,932	3,240
Pike	311	.....	21,490	3,587	1,479	861
Portage	8	1,000	521	227,423	65,611	1,955
Preble	331	.....	33,535	3,222	7,599	1,78-
Putnam	210	73	17,420	2,586	1,366	1,387
Richland	31	1:6	4,632	38,589	17,417	2,137
Ross	194	30	16,694	1,605	4,053	1,952
Sandusky	117	50	10,187	1,625	1,167	748
Scioto	380	110	23,776	457	244	952
Seneca	84	.....	6,206	17,970	5,462	2,410
Shelby	424	.....	34,104	1,537	1,531	1,089
Stark	18	.....	1,473	23,601	13,915	3,181
Summit	.....	.....	.....	65,144	7,148	1,493
Trumbull	60	.....	1,698	259,803	27,325	1,2-0
Tuscarawas	108	335	6,729	1,643	958	4,942
Union	217	.....	12,795	51,146	7,529	1,235
Van Wert	307	25	27,601	1,074	275	2,021
Vinton	257	70	18,235	4,618	712	725
Warren	147	134	9,641	12,520	5,326	1,547
Washington	510	.....	36,153	513	558	2,0c0
Wayne	10	.....	1,268	21,804	6,117	2 858
Williams	72	75	5,313	14,612	3,290	1,577
Wood	210	.....	17,168	2,094	1,468	1,969
Wyandot	23	.....	2,175	1,460	1 899	2,112
Totals	16,305	11,909	1,273,048	2,987,288	510,117	169,755

TAXABLE LANDS IN OHIO.

Total number of acres of taxable lands in Ohio according to the census report of 1870 25,312,937
Total number of acres of taxable lands on the Grand Duplicate of Ohio in 1879 25,376,264
Total number of acres of taxable lands on the Grand Duplicate of Ohio in 1878 25,201,743
Total number of acres of taxable lands on the Grand Duplicate of Ohio in 1877 25,446,707
Total number of acres reported by county auditors from the assessors' returns in May, 1879* 20,173,155
Total number of acres reported by county auditors from the assessors' returns May, 1878 ..... 20,965,371½
Total number of acres reported by county auditors from the assessors' returns May, 1877 19,198,759
Total number of acres reported by county auditors from the assessors' returns May, 1876 19,059,067
Total number of acres reported by county auditors from the assessors' returns May, 1875 19,526,715
Total number of acres reported by county auditors from the assessors' returns May, 1874 18,575,239

TAXABLE LANDS IN OHIO AS REPORTED TO COUNTY AUDITORS BY TOWNSHIP ASSESSORS, IN MAY, 1879

Counties.	Cultivated.	Pasture.	Wood.	Uncultivated or waste lands	Total number of acres.
	No. acres.	No. acres.	No. acres.	No. acres.	
Adams	93,837	72,466	80,716	6,721	253,740
Allen	101,094	20,468	69,299	2,001	192,862
Ashland	116,691	59,869	56,413	2,942	235,915
Ashtabula	105,643	159,464	70,217	3,844	339,068
Athens	64,994	95,527	70,267	4,609	235,397
Auglaize	110,450	19,342	65,515	1,813	197,120
Belmont	91,876	120,375	6[illegible],721	12,990	294,862
Brown	122,756	69,838	58,817	12,399	263,940
Butler	134,436	24,461	36,739	9,410	205,048
Carroll	64,631	91,073	54,483	1,350	211,537
Champaign	119,599	34,973	46,447	1,486	202,505
Clarke	109,869	41,290	35,590	3,152	189,891
Clermont	117,382	44,168	42,542	10,499	214,591
Clinton	114,469	47,158	42,263	4,216	208,106
Columbiana	113,340	91,178	58,802	4,902	268,222
Coshocton	99,833	123,457	75,716	3,353	302,359
Crawford	119,284	37,612	56,168	1,855	214,919
Cuyahoga	70,358	76,695	27,540	3,778	178,421
Darke	189,199	22,053	99,993	10,839	322,084
Defiance	69,290	12,459	78,398	1,691	181,838
Delaware	92,536	84,426	55,662	2,141	234,765
Erie	81,539	20,914	15,409	3,150	121,042
Fairfield	133,331	78,847	52,307	5,712	270,197
Fayette	97,252	68,794	33,237	1,992	201,275
Franklin	126,106	50,394	35,365	5,311	217,176
Fulton	102,449	20,289	59,470	5,891	188,079
Gallia	72,320	80,096	64,342	5,640	222,198
Geauga	59,548	115,589	43,800	2,197	221,134
Greene	125,392	35,751	42,569	5,915	209,627
Guernsey	71,197	133,437	66,475	2,245	273,354
Hamilton	83,742	19,225	22,872	5,199	131,038
Hancock	145,861	45,907	95,021	2,567	289,356
Hardin	103,623	31,838	70,073	3,608	209,142
Harrison	42,621	122,563	43,266	1,402	209,852

TAXABLE LANDS IN OHIO—Continued.

Counties.	Cultivated.	Pasture.	Wood.	Uncultivated or waste lands.	a of
	No. acres.	No. acres.	No. acres.	No. acres.	
Henry	76,583	2,733	53,278	9,033	
Highland	120,336	100,987	69,164	3,607	
Hocking	45,444	83,224	75,781	3,484	
Holmes	114,545	59,335	62,488	1,816	
Huron	130,613	88,109	52,985	3,773	
Jackson	56,335	89,930	55,060	15,550	
Jefferson	83,231	81,771	54,442	1,980	
Knox	113,984	150,992	54,248	5,138	
Lake	41 692	34,498	19,071	2,336	
Lawrence	53,9-6	30,233	57,803	11,599	
Licking	113,803	178,438	74,969	3,466	
Logan	105,531	43,204	59,322	3,020	
Lorain	92,600	110,994	47,006	12,156	
Lucas	64,444	8,721	31,426	3,9-2	
Madison	89,559	106,-98	24,574	2,312	
Mahoning	83,116	104,709	75,166	3,084	
Marion	101,968	55,485	43,9-0	1,894	
Medina	73,728	80,-00	39,061	464	
Meigs	69,149	73,649	67,768	3,304	
Mercer	117,856	15,143	100,705	19 907	
Miami	143,911	12,520	41,151	3,301	
Monroe	73,292	95,391	75,669	5,252	
Montgomery	156,275	19,931	44,907	5,548	
Morgan	59,580	100,8-5	56,093	1,748	
Morrow	83,6-6	79,457	53,558	1,090	
Muskingum	118,492	217,430	79,067	4,137	
Noble	61,424	98,907	48,576	1,258	
Ottawa	37,075	12,393	25,136	7,185	
Paulding	35,367	1,364	44,271	1,010	
Perry	63.412	104,798	45,793	19,925	
Pickaway	131,505	65,937	44,376	8,009	
Pike	61,671	45 013	80,561	8,328	
Portage	89,574	122,079	55,-99	6,157	
Preble	133,373	33,293	58,673	6,591	
Putnam	102,392	10,765	81,924	3,554	
Richland	145,852	41,469	68,261	3,849	
Ross	131,157	96,440	86,101	16,825	
Sandusky	130,617	11,387	49,517	5,223	
Scioto	58,582	24 005	73,404	12,423	
Seneca	127,664	34,881	75,193	3,107	
Shelby	121,133	13,527	63,440	4,216	
Stark	183,978	57,612	51,586	8,264	
Summit	94,428	70,163	32,795	7,696	
Trumbull	99,166	146,648	65,894	1,915	
Tuscarawas	116,877	115,333	66,750	9,094	
Union	105,118	72,865	52,843	1,397	
Van Wert	84,530	6,249	82,453	5,429	
Vinton	36,060	75,494	67,299	7,663	
Warren	116,869	32 433	38,-66	7,782	
Washington	103,738	108,070	102,258	8,502	
Wayne	161,989	57,083	64,244	4,505	
Williams	104 000	27,904	70,279	6 310	
Wood	139,538	16,597	85,520	3,485	
Wyandot	123,949	57,179	57,255	3,534	
Totals	8,840,232	5,758,415	5,101,441	473,037	2

*Owing to careless reports upon the part of many township assessors, the totals of each coun agree with totals in grand duplicate.

NOTE.—For number of acres of taxable lands in each county on grand duplicate, see *ante* pag

DAIRY PRODUCTS.

Butter and Cheese produced in Ohio in 1878.

Counties.	Butter.	Cheese.
	Pounds.	Pounds.
s	406,803	1,065
	449,710	4,330
nd	734,838	473,988
buls	960,·08	4,135,467
s	448,875	6,576
ize	369,550	1,080
nt	7:9 334	610
	475,700	380
	457,045	3,370
l	623,189	1,050
paign	394,618	103,376
	439,260	757
ont	543,949	150
n	379,610	3,650
biana	850,071	177,844
ton	680,755	1,395
ord	609,354	2,631
oga	815,695	1,295,661
	79 ,741	490
ee	442,764	174,791
rare	629.539	2,945
	393,434	134,960
ald	629,124	540
te	967,693	561
tin	552.736	915
n	540.675	576,981
	431,795	4,980
ga	859,314	4,113,667
e	464,343	
ney	739,613	1,195
lton	596,7·2	600
ck	656,4·4	1,700
n	525,511	2,575
son	5·4,155	6,050
	364,·40	172
and	500,700	1,203
ng	319,116	635
s	636,064	99,109
	992,534	1,456,144
on	3·5,690	1,550
son	461,5·2	7,000
	712,375	3,340
	325,167	224,000
nce	901,694	850
g	890,·19	6,910
	378,446	3,030
a	957,910	5,012,935
	354,325	3,·00
on	273,·19	4,560
ning	691,173	79,749
n	403,409	
a	951,966	1,376,758
	561,261	13,969
e	390,545	276
l	410,334	4,776
e	4·3 617	392,603
gomery	583,907	112

BUTTER AND CHEESE PRODUCED IN OHIO IN 1878—Continued.

Counties	Butter.	Cheese.
	Pounds.	Pounds.
Morgan	536,813	2,210
Morrow	690,707	1,250
Muskingum	902,252	----------
Noble	495,672	4,721
Ottawa	208,845	400
Paulding	175,129	276
Perry	506,053	----------
Pickaway	392,491	855
Pike	214,085	716
Portage	981,425	4,170,339
Preble	533,096	160
Putnam	400,630	501
Richland	827,305	9,798
Ross	303,060	23,210
Sandusky	549,422	1,800
Scioto	209,275	302
Seneca	764,491	170,000
Shelby	354,922	----------
Stark	955,256	155,784
Summit	775,915	1,389,735
Trumbull	1,036,427	3,904,753
Tuscarawas	682,443	270,714
Union	576,181	9,650
Van Wert	398,814	2,712
Vinton	260,028	380
Warren	525,232	2,100
Washington	641,509	15,095
Wayne	1,032,958	31,785
Williams	665,700	167,147
Wood	704,371	360
Wyandot	430,973	33,678
Totals	50,332,023	36,401,386

COMPARATIVE TABLE OF DAIRY PRODUCTS IN OHIO FOR NINETEEN YEARS.

Year.	Pounds of butter.	Pounds of cheese.	Year.	Pounds of butter.	Pounds of cheese.
1860	38,440,498	24,816,420	1870	43,020,554	31,381,038
1861	35,492,858	20,637,235	1871	44,994,152	32,391,152
1862	34,065,629	20,752,097	1872	45,413,066	34,403,857
1863	31,121,275	19,130,750	1873	43,533,865	36,668,530
1864	31,141,876	18,097,095	1874	44,335,657	33,123,880
1865	32,450,139	16,947,905	1875	45,838,762	31,824,147
1866	36,344,608	22,197,929	1876	48,415,570	22,358,690
1867	31,833,445	19,985,486	1877	50,003,162	27,973,055
1868	37,605,378	17,814,599	1878	50,332,023	36,401,386
1869	38,783,607	20,520,168			

DOMESTIC ANIMALS.

Number and Value of Horses, Cattle, and Mules in Ohio in 1879.

Counties.	Horses.		Cattle.		Mules, etc.	
	No.	Value	No.	Value.	No.	Value.
Adams	5,891	$225,128	10,999	$179,019	315	$14,972
Allen	8,770	364,540	16,873	179,002	186	6,855
Ashland	8,182	407,167	21,794	304,694	66	3,754
Ashtabula	9,011	404,766	35,490	469,303	79	3,435
Athens	5,205	222,287	14,331	204,506	238	10,488
Auglaize	8,157	316,357	14,783	154,548	314	13,045
Belmont	9,883	480,029	23,802	353,208	453	23,422
Brown	8,325	356,130	15,052	215,807	401	26,202
Butler	11,482	645,492	16,782	328,085	797	51,714
Carroll	4,927	203,762	15,824	170,090	141	6,350
Champaign	10,405	643,904	17,695	375,988	294	19,945
Clarke	9,887	596,074	17,624	392,088	484	34,288
Clermont	8,678	377,111	13,442	205,428	1,049	57,174
Clinton	9,857	468,681	16,552	361,864	481	27,722
Columbiana	9,313	458,954	21,665	367,965	211	8,544
Coshocton	7,607	392,736	21,737	299,141	237	11,610
Crawford	9,027	438,760	22,149	284,557	152	8,035
Cuyahoga	15,713	746,647	22,611	377,625	286	12,130
Darke	13,584	728,002	23,155	300,316	512	33,598
Defiance	5,793	216,939	12,427	130,182	137	4,880
Delaware	8,210	469,868	19,956	388,317	151	6,883
Erie	6,021	263,619	9,269	128,888	59	2,125
Fairfield	9,853	524,835	23,693	433,487	168	9,595
Fayette	8,841	420,534	15,916	384,106	656	31,990
Franklin	15,546	786,604	23,462	486,657	371	21,197
Fulton	6,454	249,187	14,536	154,837	111	4,650
Gallia	5,624	237,581	14,782	172,900	499	26 342
Geauga	5,419	236,570	24,812	387,018	52	2,475
Greene	11,314	615,423	17,690	363,040	409	26,670
Guernsey	6,228	230,489	17,860	200,244	139	4,970
Hamilton	19,123	962,626	23,655	542,453	2,051	114,857
Hancock	10,672	428,539	24,607	270,161	211	10,282
Hardin	8,017	273,673	16,594	189,083	262	9,320
Harrison	4,855	256,662	13,197	219,172	96	4,820
Henry	5,542	181,715	10,771	86,304	114	3,656
Highland	9,765	422,068	21,384	399,209	513	27,130
Hocking	4,321	179,125	11,228	150,800	214	10,544
Holmes	6,053	265,220	16,843	203,379	92	3,610
Huron	9,283	412,587	23,140	335 681	104	4,483
Jackson	4,157	150,599	16,149	196,346	482	22,988
Jefferson	5,596	289,916	14,798	214,196	137	7,090
Knox	8,986	420,636	21,361	269,137	153	7,401
Lake	4,090	211,818	10,103	171,051	52	2,390
Lawrence	4,472	205,084	12,196	163,164	921	56,858
Licking	11,733	638,883	27,994	565,677	180	10,290
Logan	9,308	441,784	17,759	301,331	350	18,800
Lorain	9,968	435,375	30,155	444,404	104	4,526
Lucas	6,458	246,189	9,317	109,650	171	6,500
Madison	8,040	390,214	20,942	541,642	506	23,535
Mahoning	7,112	358 343	20,091	346,245	169	8,065
Marion	7,994	415,544	17,889	328,145	189	10,032
Medina	7,561	341,615	23,262	329,630	60	2,693
Meigs	5,200	225,452	14,714	195,465	513	24,712
Mercer	7,447	274,296	14,883	142,190	205	7,539
Miami	10,818	669,134	15,865	275,418	412	29,265
Monroe	5,656	201,796	17,996	165,916	374	12,600
Montgomery	13,878	809,226	19,689	302,800	398	22,240

DOMESTIC ANIMALS—Continued.

Counties.	Horses.		Cattle.		Mules, etc.	
	No.	Value.	No.	Value.	No.	Value
Morgan	5,893	293,762	16,001	248,080	161	8,[illegible]45
Morrow	7,330	404,455	17,873	283,410	104	5,[illegible]84
Muskingum	10,979	517,797	33,046	490,512	290	14,9[illegible]00
Noble	5,153	211,372	16,844	203,854	160	6,50[illegible]63
Ottawa	5,042	216,208	8,555	96,504	45	2,0[illegible]72
Paulding	3,419	118,710	7,437	72 452	118	4,07[illegible]89
Perry	5,366	246,758	15,822	229,928	211	10,9[illegible]66
Pickaway	10,395	519,708	20,141	419,297	435	25,46[illegible]75
Pike	4,854	217,480	9,008	149,903	470	25,87[illegible]15
Portage	7,882	409,873	29 740	525,079	64	3,11[illegible]35
Preble	9,414	506,717	16,695	280,190	361	24,73[illegible]98
Putnam	7,122	266,923	15,814	160,505	258	10,9[illegible]10
Richland	10,329	526,732	24,075	306,521	245	12,21[illegible]77
Ross	11,431	567,801	21,709	468,185	618	36,57[illegible]30
Sandusky	9,299	304,445	15,878	170,922	171	7,52[illegible]43
Scioto	4,787	221,577	12,231	165,964	865	47,24[illegible]33
Seneca	11,051	469,211	20,390	202,621	159	6,42[illegible]14
Shelby	8,131	433,513	13,019	191,085	199	11,61[illegible]10
Stark	12,909	700,532	31,930	429,194	286	15,21[illegible]50
Summit	8,552	469,010	24,348	364,184	179	8,75[illegible]15
Trumbull	9,115	388,951	39 067	64[illegible],111	238	10,01[illegible]40
Tuscarawas	8,555	348,963	26,905	290,828	210	8,74[illegible]80
Union	8 461	505,470	15,[illegible]08	318,199	180	11,18[illegible]90
Van Wert	6,[illegible]96	240,680	14 0[illegible]0	143 169	294	11,89[illegible]07
Vinton	3,218	127,615	9,953	137,557	306	13,70[illegible]39
Warren	10,120	551,520	14,[illegible]08	298,939	513	32,83[illegible]83
Washington	8,263	362,069	21,4[illegible]6	294,018	297	15,98[illegible]10
Wayne	11,1[illegible]6	615,719	28,6[illegible]7	418,664	231	13,11[illegible]45
Williams	7,548	292,245	16,0[illegible]1	172,691	150	5,64[illegible]47
Wood	10,589	381,382	17,782	164.161	275	10,84[illegible]80
Wyandot	7,843	343,908	15.733	212 641	176	7,38[illegible]
Totals	730,642	34,705,410	1,630,004	24,765,607	26,793	1,351,00[illegible]001

NUMBER AND VALUE OF SHEEP, HOGS, AND DOGS IN OHIO IN 1879.

ounties.	Sheep.		Hogs.		Dogs.	
	Number.	Value.	Number.	Value.	Number.	Value (fixed by owner).
s	11,952	$25,319	19,555	$14,636	2,628	$951
	24,546	36,538	31,738	48,547	2,857	4,279
id	51,401	100,081	23,501	49,835	2,942	1,056
bula	27,729	58,411	6,042	14,133	2,325	1,974
e	67,514	161,250	11,185	24,874	2,367	
ize	14,405	26,650	24 714	42,525	2,767	2,152
ot	141,643	331,241	23,902	60,084	4,069	3,825
	11,936	30,993	34,402	64,401	3,365	2,163
r	10,186	34,115	46,079	157,388	3,528	15,524
ll	138,290	232,942	9,953	17,010	2,044	2,116
aign	31,778	85,056	35,725	112,720	2,745	2,472
e	48,090	139,557	29,853	101,578	3 927	20,178
ont	10,057	22,759	30,034	69 760	3,290	2,166
n	28,121	64,705	47,867	131,934	2,895	10,141
abiana	132 249	294,338	14,529	34,224	4,032	5,611
eton	126,155	264,474	23,265	48,612	3,306	5,021
ford	56 434	123,504	32,4 4	74,215	3,311	1,393
oga	20,387	47,457	6,121	17,883	6,073	7,472
	8,675	19,963	44,670	104,945	5,525	4,670
oe	12,083	19,941	15,026	22,972	125	2,398
vare	107,784	234,571	27,999	72,028	2,633	3,763
	24,789	37,508	9,527	17,435	1,750	625
eld	28,892	62,162	42,962	125,278	4,263	1,764
te	20,986	58,835	48,624	143,849	2,524	5,154
lin	34,367	91,444	48,000	134,501	4,781	37,614
a	29,848	37,632	19,728	33,352	2,162	1,943
	13,396	27,124	14,667	24,539	3,325	3,301
ga	23,254	65,057	3,246	8,132	1,327	2,808
e	24,960	59,465	46 654	141,449	3,586	3,426
ssey	172,819	328,543	11,590	24,103	47	982
lton	7,535	16,234	28,366	80,906	7,265	8,607
ock	35,785	74,039	41,707	70,773	3,598	1,530
in	36,965	72,071	26,311	44,681	2,720	2,890
son	191,389	464,350	9,273	24,303	2 162	1,740
y	9,749	10,712	14 3 4	21,714	2,075	1,096
land	21,728	49,941	48,254	113,057	3,058	1,196
ing	32,801	61,710	11,026	27,088	2,465	707
ce	42,649	10 6,632	25,747	39,799	2,710	551
n	63,198	97,436	17,426	39,065	2,334	4,905
on	10,333	12,858	10,800	16,128	2,874	3,163
non	140,124	252,920	11,069	25,646	2,553	1,885
	140,113	247,129	23,370	51,472	3,253	5,223
	17,874	45,985	2,6 3	9,017	825	490
ence	6,641	10,537	14,145	25,764	3,363	6,038
ng	219,585	536,991	33,989	96,181	4,292	895
n	60,445	129,403	30,545	80,092	2,625	3,898
in	46,091	101,161	11,134	25,524	2,713	10,659
e	8 346	8,812	8,670	9,812	2,284	10,981
son	61,165	162,742	33,545	94,767	2 469	2,025
ning	76,706	184 188	8,422	26,305	3,759	6,461
on	72,396	169,384	27,256	72,303	2,214	2,934
na	57,647	117,935	9,848	30,702	2,213	5,41:
e	28,640	64,098	10,978	18,946	2,788	1,921
er	11,599	17,858	28,079	42,439	2,632	1,334
ni	10,529	30,837	25,915	81,952	4,016	6,244
oe	29,413	58,797	13,238	21,684	3,601	87
gomery	4,628	12,166	34,991	96,135	6,495	9,998
an	81,302	212,135	12,008	35 601	2,407	1,340
ow	116,974	260,101	17,142	45,628	2,055	1,744

NUMBER AND VALUE OF SHEEP, HOGS, ETC.—Continued.

Counties.	Sheep.		Hogs.		Dogs.	
	Number.	Value.	Number.	Value.	Number.	(F o
Muskingum	151,558	$352,733	24,200	$71,324	4,956	
Noble	64,081	140,345	14,550	32,677	2,575	
Ottawa	14,933	22,801	11,309	18,360	1,730	
Paulding	3,946	4,489	5,583	6,756	1,458	
Perry	69,747	147,764	13,042	33,044	2,679	
Pickaway	18,518	39,781	42,676	112,165	3,762	
Pike	8,269	18,314	17,185	39,118	2,777	
Portage	46,952	138,576	7,199	23,019	2,484	
Preble	11,508	23,820	39,891	110,488	2,907	
Putnam	12,584	18,702	28,119	52,383	2,754	
Richland	63,310	147,801	31,751	65,503	3,440	
Ross	12,379	29,514	47,048	139,259	4,244	
Sandusky	26,701	38,237	23,623	35,271	2,514	
Scioto	5,455	10,034	12,283	28,815	2,719	
Seneca	60,321	69,792	32,972	56,066	3,590	
Shelby	15,848	29,978	24,207	62,278	2,999	
Stark	56,674	129,804	29,736	66,699	6,043	
Summit	24,965	58,817	11,577	32,220	2,301	
Trumbull	57,173	150,073	7,112	15,538	4,275	
Tuscarawas	97,223	203,419	20,774	41,831	4,351	
Union	78,208	204,885	27,803	72,690	2,334	
Van Wert	9,694	15,863	23,512	32,955	2,596	
Vinton	25,420	57,825	6,969	12,965	1,516	
Warren	19,943	57,266	38,684	130,603	3,214	
Washington	57,359	157,567	14,054	35,963	4,619	
Wayne	42,980	103,165	32,102	78,905	4,778	
Williams	25,604	49,413	22,484	36,164	2,264	...
Wood	20,638	29,996	30,436	43,335	3,472	
Wyandot	67,449	132,061	24,787	48,616	2,725	
Totals	4,267,261	$9,311,972	2,041,649	$4,849,445	272,084	$

WOOL PRODUCED, SHEEP KILLED BY DOGS, ETC.

L PRODUCED AND SHEEP KILLED AND INJURED BY DOGS IN OHIO IN 1878.

ounties.	Wool.	Sheep killed by dogs.		Sheep injured by dogs.		Aggregate amount of injury to sheep by dogs.
	Pounds shorn.	No.	Value.	No.	Value	
----------	34,950	168	$405 00	80	$194 00	$599 00
----------	130,115	214	656 00	128	224 00	880 00
----------	241,613	297	776 00	312	599 00	1,375 00
la ----------	99,185	167	6[illegible]5 00	84	149 00	804 00
----------	261,059	297	83[illegible] 00	97	163 00	996 00
----------	41,620	231	541 00	73	105 00	646 00
----------	580,192	510	1,597 00	349	610 00	2,207 00
----------	45,497	201	578 00	177	181 00	759 00
----------	36,204	382	514 00	456	446 00	960 00
----------	537,058	363	1,055 00	231	458 00	1,513 00
ign ----------	107,084	175	616 00	233	393 00	1,009 00
----------	180,262	214	760 00	403	535 00	1,295 00
t ----------	23,697	178	578 00	104	280 00	858 00
----------	88,447	264	713 00	241	331 00	1,044 00
iana ----------	528,303	472	1,639 00	394	851 00	2,490 00
on ----------	490,076	244	744 00	220	284 00	1,028 00
d ----------	200,568	187	519 00	202	351 00	870 00
ga ----------	77,049	294	1,185 00	52	114 00	1,299 00
----------	22,180	191	598 00	116	158 00	756 00
s ----------	36,856	201	169 00	91	97 00	266 00
te ----------	437,901	355	1,033 00	1,671	1,395 00	2,428 00
----------	100,881	135	520 00	66	106 00	626 00
l ----------	98,469	362	1,138 00	279	349 00	1,487 00
----------	77,514	392	785 00	151	243 00	1,028 00
n ----------	99,510	390	1,108 00	175	358 00	1,466 00
----------	115,249	181	418 00	73	111 00	529 00
----------	32,042	186	447 00	49	49 00	496 00
----------	82,245	125	522 00	64	124 00	646 00
----------	90,074	451	1,511 00	310	740 00	2,251 00
y ----------	652,419	314	1,680 00	173	643 00	2,323 00
on ----------	11,896	176	663 00	146	314 00	977 00
k ----------	119,675	577	1,780 00	467	682 00	2,462 00
----------	132,657	396	981 00	315	435 00	1,416 00
n ----------	746,801	320	1,082 00	319	637 00	1,719 00
----------	27,774	143	323 00	52	43 00	366 00
id ----------	60,081	227	868 00	102	130 00	998 00
g ----------	119,056	192	525 00	140	195 00	720 00
----------	158,611	227	632 00	233	449 00	1,081 00
----------	259,237	173	590 00	167	259 00	849 00
----------	28,810	130	267 00	36	73 00	340 00
n ----------	558,893	277	779 00	60	140 00	919 00
----------	637,917	428	1,175 00	396	755 00	1,930 00
----------	62,224	140	405 00	39	81 00	486 00
ce ----------	8,456	124	240 00	19	31 00	271 00
----------	907,184	522	1,459 00	479	952 00	2,411 00
----------	203,319	355	956 00	390	761 00	1,717 00
----------	192,401	335	999 00	74	187 00	1,186 00
----------	21,206	338	860 00	144	264 00	1,124 00
a ----------	233,221	406	1,315 00	2,235	457 00	1,772 00
ng ----------	302,919	362	1,292 00	844	857 00	2,149 00
----------	287,329	248	695 00	117	153 00	848 00
----------	239,886	288	622 00	332	232 00	854 00
----------	134,671	191	504 00	140	197 00	701 00
----------	36,982	219	514 00	55	75 00	589 00
----------	32,889	331	1,027 00	396	1,093 00	2,120 00
----------	90,382	234	800 00	129	216 00	1,016 00

[illegible]

[illegible] [illegible] [illegible] [

DOMESTIC ANIMALS DIED FROM DISEASE IN OHIO IN 1878.

Counties.	Hogs.		Sheep.	
	Number.	Value.	Number.	Value.
Adams	3,123	$6,420	280	$769
Allen	3,311	8,197	527	1,263
Ashland	316	1,142	353	1,163
Ashtabula	255	1,292	810	2,777
Athens	365	1,208	740	1,902
Auglaize	6,264	18,260	316	670
Belmont	348	1,184	1,337	2,971
Brown	3,233	9,322	407	1,082
Butler	15,161	55,043	333	1,370
Carroll	37	175	992	2,160
Champaign	2,047	6,996	511	1,616
Clarke	3,218	9,651	753	2,119
Clermont	2,299	8,232	404	922
Clinton	8,084	20,951	588	1,386
Columbiana	185	863	960	2,464
Coshocton	1,169	3,102	1,477	3,850
Crawford	3,618	9,272	531	1,055
Cuyahoga	157	942	371	1,066
Darke	7,787	21,353	262	647
Defiance	2,569	7,898	320	592
Delaware	580	1,937	2,330	4,504
Erie	358	1,177	206	433
Fairfield	4,113	12,475	543	1,432
Fayette	8,141	24,914	304	759
Franklin	7,684	27,642	1,104	3,051
Fulton	704	2,570	370	699
Gallia	891	2,544	324	741
Geauga	128	652	568	1,798
Greene	5,246	14,328	371	1,267
Guernsey	166	554	2,067	4,947
Hamilton	4,000	14,375	151	403
Hancock	4,319	10,739	758	2,131
Hardin	4,571	14,800	936	1,912
Harrison	56	317	932	2,283
Henry	2,912	7,308	219	493
Highland	8,916	25,193	597	1,482
Hocking	586	1,705	540	1,238
Holmes	670	1,636	560	1,425
Huron	469	2,451	647	1,517
Jackson	333	876	212	388
Jefferson	114	554	1,253	2,238
Knox	1,641	4,698	2,603	4,853
Lake	44	210	184	533
Lawrence	779	2,197	179	328
Licking	1,307	4,245	3,587	8,666
Logan	1,948	5,906	890	1,922
Lorain	199	877	720	2,266
Lucas	2,873	7,899	330	524
Madison	4,902	15,294	1,216	2,824
Mahoning	151	750	1,243	3,229
Marion	3,339	11,495	914	2,159
Medina	306	1,244	1,069	2,624
Meigs	277	947	432	996
Mercer	6,302	13,767	160	338
Miami	3,442	13,340	329	1,035
Monroe	383	1,117	493	1,039
Montgomery	3,385	10,744	146	408
Morgan	213	867	1,085	2,371
Morrow	237	760	1,147	3,288
Muskingum	904	3,209	1,771	3,837

DOMESTIC ANIMALS DIED FROM DISEASE IN OHIO IN 1878—Continued.

Counties.	Hogs.		Sheep.	
	Number.	Value.	Number.	value.
Noble	198	$656	811	$1,658
Ottawa	728	1,586	566	969
Paulding	4,317	8,258	235	558
Perry	377	1,275	1,492	2,994
Pickaway	6,631	19,331	305	742
Pike	1,949	4,601	330	653
Portage	150	781	1,041	3,188
Preble	10,732	26,452	333	1,043
Putnam	5,726	12,292	361	793
Richland	888	2,255	1,096	2,494
Ross	6,225	16,159	174	339
Sandusky	758	2,327	396	752
Scioto	1,080	2,498	192	372
Seneca	2,136	6,314	663	1,194
Shelby	4,142	12,005	158	521
Stark	514	1,508	1,213	2,937
Summit	185	889	333	1,060
Trumbull	196	1,041	1,315	4,906
Tuscarawas	375	1,369	1,296	2,895
Union	3,020	9,335	1,549	3,575
Van Wert	3,465	7,493	306	634
Vinton	431	898	347	798
Warren	10,037	39,802	765	2,339
Washington	266	1,088	468	1,153
Wayne	599	1,972	713	1,969
Williams	1,373	4,292	361	841
Wood	3,225	9,051	403	1,017
Wyandot	1,507	4,770	783	1,681
Totals	223,015	$661,454	63,702	$153,485

DOMESTIC ANIMALS DIED FROM DISEASE IN OHIO IN 1878.

Counties.	Cattle.		Horses.	
	Number.	Value.	Number.	Value.
Adams	225	$4,244	97	$4,173
Allen	294	5,938	132	7,575
Ashland	205	4,220	86	6,180
Ashtabula	444	9,035	145	8,060
Athens	113	2,039	41	2,070
Auglaize	217	3,687	143	6,136
Belmont	231	5,125	109	7,615
Brown	254	4,666	167	9,005
Butler	395	8,548	285	17,917
Carroll	123	2,611	54	4,315
Champaign	185	4,697	133	9,685
Clarke	185	4,851	183	14,640
Clermont	213	4,241	191	7,075
Clinton	297	5,533	167	10,380
Columbiana	233	4,465	85	5,071
Coshocton	206	3,842	104	2,930
Crawford	183	3,355	106	7,903
Cuyahoga	201	6,063	89	4,525
Darke	461	6,072	267	15,463
Defiance	296	3,986	154	7,949
Delaware	192	5,304	143	8,911
Erie	56	1,524	40	2,955
Fairfield	290	4,799	104	6,511
Fayette	119	3,950	121	6,410
Franklin	233	5,386	125	8,210
Fulton	159	2,482	94	5,890
Gallia	230	3,216	103	5,308
Geauga	233	5,199	85	5,060
Greene	211	5,353	158	12,010
Guernsey	183	2,919	78	4,395
Hamilton	271	6,982	193	10,802
Hancock	297	5,223	162	9,453
Hardin	225	4,528	145	8,010
Harrison	129	3,479	48	2,925
Henry	194	3,126	103	5,952
Highland	221	5,253	150	7,490
Hocking	109	1,766	54	1,920
Holmes	173	2,401	94	5,051
Huron	261	6,530	131	10,390
Jackson	172	2,385	60	2,025
Jefferson	92	2,259	92	4,145
Knox	261	5,120	136	7,991
Lake	72	1,498	31	1,930
Lawrence	274	4,128	86	4,355
Licking	292	6,290	152	9,569
Logan	189	3,659	118	7,179
Lorain	314	8,292	103	7,240
Lucas	135	2,459	124	4,746
Madison	298	4,721	189	9,627
Mahoning	151	3,955	65	4,242
Marion	141	3,297	121	8,675
Medina	285	6,553	99	6,717
Meigs	141	2,493	68	3,210
Mercer	322	3,912	149	7,937
Miami	269	5,164	169	12,539
Monroe	222	3,202	76	3,029
Montgomery	302	6,942	185	12,584
Morgan	234	4,448	79	3,569
Morrow	143	2,731	59	3,637

DOMESTIC ANIMALS DIED FROM DISEASE IN OHIO IN 1878—Continued.

Counties.	Cattle.		Horses.	
	Number.	Value.	Number.	V
Muskingum	230	$4,794	133	
Noble	158	2,323	47	
Ottawa	203	2,726	110	
Paulding	345	4,396	231	
Perry	167	3,222	87	
Pickaway	168	4,936	212	
Pike	120	2,442	149	
Portage	297	7,338	91	
Preble	292	6,306	158	
Putnam	293	4,800	198	
Richland	241	4,569	413	
Ross	216	4,276	101	
Sandusky	206	3,721	141	
Scioto	204	2,738	106	
Seneca	206	3,955	186	
Shelby	178	3,316	142	
Stark	360	6,179	179	
Summit	269	6,235	78	
Trumbull	472	10,004	105	
Tuscarawas	296	4,967	113	
Union	172	4,038	184	
Van Wert	220	3,188	156	
Vinton	104	2,052	48	
Warren	263	7,313	177	
Washington	232	4,146	121	
Wayne	371	5,978	177	
Williams	166	2,672	87	
Wood	261	5,076	176	
Wyandot	142	2,925	163	
Totals	14,795	$363,172	11,109	

HORTICULTURAL STATISTICS.

HORTICULTURAL STATISTICS.

APPLES, PEACHES, AND PEARS PRODUCED IN 1878.

Counties.	Orchards.	Apples.	Peaches.	
	Number of acres.	Number of bushels.	Number of bushels.	Nu b
Adams	4,211	227,276	11,066	
Allen	3,930	292,663	1,613	
Ashland	5,007	613,304	23,914	
Ashtabula	5,978	390,754	4,959	
Athens	5,008	236,262	25,887	
Auglaize	2,926	191,955	1,220	
Belmont	9,933	446,955	24,743	
Brown	4,400	322,894	793	
Butler	3,843	123,901	3,624	
Carroll	4,969	340,188	42,081	
Champaign	2,980	265,662	7,629	
Clarke	3,139	207,789	11,446	
Clermont	8,979	403,408	8,161	
Clinton	3,325	181,813	2,446	
Columbiana	8,066	530,761	80,950	
Coshocton	6,344	446,918	69,860	
Crawford	4,877	627,530	4,053	
Cuyahoga	5,914	505,044	3,485	
Darke	6,117	216,229	1,831	
Defiance	2,874	149,150	1,025	
Delaware	4,123	394,838	8,566	
Erie	3,596	459,158	16,944	
Fairfied	5,312	309,590	21,362	
Fayette	1,945	119,058	10,994	
Franklin	4,480	368,953	2,923	
Fulton	5,138	337,082	1,468	
Gallia	4,918	191,728	7,292	
Geauga	4,408	347,698	4,925	
Greene	3,361	169,269	8,354	
Guernsey	5,535	297,033	66,553	
Hamilton	5,454	222,186	6,218	
Hancock	5,964	674,364	6,567	
Hardin	3,701	389,406	3,269	
Harrison	3,934	261,142	36,375	
Henry	3,073	188,595	814	
Highland	5,152	331,235	14,131	
Hocking	3,927	205,298	39,116	
Holmes	5,182	668,374	50,569	
Huron	6,565	747,700	17,545	
Jackson	3,692	145,431	14,841	
Jefferson	4,385	278,290	4,828	
Knox	6,540	640,965	36,382	
Lake	2,977	233,847	6,105	
Lawrence	4,717	216,984	1,418	
Licking	6,933	620,642	49,205	
Logan	3,054	325,038	6,272	
Lorain	5,984	514,371	9,928	

APPLES, PEACHES, AND PEARS PRODUCED IN 1878—Continued.

Counties.	Orchards.	Apples.	Peaches.	Pears.
	Number of acres.	Number of bushels.	Number of bushels.	Number of bushels.
Lucas	4,207	257,176	3,349	565
Madison	2,197	139,458	8,777	509
Mahoning	4,874	402,853	12,753	1,495
Marion	3,228	319,626	5,348	760
Medina	8,041	660,825	13,223	1,992
Meigs	5,367	226,849	11,507	178
Mercer	2,980	90,851	328	143
Miami	3,891	237,233	1,795	2,530
Monroe	6,085	460,083	12,173	561
Montgomery	4,806	198,949	1,037	6,237
Morgan	5,171	25,065	48,889	938
Morrow	5,436	602,895	7,087	597
Muskingum	7,284	316,456	87,107	1,753
Noble	4,118	223,429	35,383	563
Ottawa	2,064	85,200	16,820	863
Paulding	1,378	32,828	357	102
Perry	4,243	294,207	28,673	1,493
Pickaway	2,871	146,986	6,814	635
Pike	3,491	145,015	31,844	345
Portage	6,504	622,413	16,136	1,021
Preble	3,744	149,786	1,068	3,660
Putnam	2,983	191,717	794	273
Richland	6,795	961,853	21,416	1,967
Ross	4,872	215,227	43,067	887
Sandusky	5,027	556,717	18,301	770
Scioto	2,891	90,096	5,790	206
Seneca	6,950	798,257	9,587	1,741
Shelby	2,938	148,536	985	442
Stark	6,971	871,350	37,043	4,238
Summit	4,706	574,007	11,385	1,738
Trumbull	6,845	405,232	3,913	385
Tuscarawas	6,851	571,826	60,594	457
Union	3,371	342,208	4,942	435
Van Wert	2,903	121,707	465	410
Vinton	2,385	116,481	18,654	143
Warren	5,116	144,069	1,891	4,538
Washington	9,741	473,415	45,392	481
Wayne	6,864	969,463	38,640	3,292
Williams	4,735	247,974	976	565
Wood	5,917	389,306	6,026	940
Wyandot	3,836	459,023	7,551	904
Totals	421,349	30,669,404	1,476,159	110,419

GRAPES AND WINE PRODUCED IN OHIO IN 1878.

Counties.	Grapes and wine.			
	Acres planted in the year 1878.	Whole number of acres in vineyard in 1878.†	Pounds of grapes gathered in 1878.	Gallons of wine pressed in 1878.
Adams	6	6	2,000	350
Allen	.....	.....	560	34
Ashland	13	49	30,805	193
Ashtabula	13	53	106,565	160
Athens	.....	26	19,155	335
Auglaize	½	50	.....	.....
Belmont	11	156	219,518	5,292
Brown	3	187	17,890	15,207
Butler	21	48	57,950	6,001
Carroll	7-12	9	5,065	80
Champaign	.....	.....	.....	.....
Clarke	.....	.....	1,850	2
Clermont	91	307	268,997	13,976
Clinton	.....	2	5,140	41
Columbiana	14	80	36,120	718
Coshocton	13	7	9,148	177
Crawford	6	2	3,791	63
Cuyahoga	115	999	1,525,100	17,447
Darke	½	2	200	.....
Defiance	½	.....	150	2
Delaware	.....	3	5,095	35
Erie	23	1,271	1,924,275	151,133
Fairfield	13	142	120,085	3,183
Fayette	.....	307	8,925	208
Franklin	126	63	22,576	125
Fulton	.....	2	2,080	.....
Gallia	26	27	3,370	128
Geauga	2	12	21,325	130
Greene	2	.....	850	2
Guernsey	5	26	21,044	178
Hamilton	43	397	472,252	17,478
Hancock	2	7	4,320	16
Hardin	2	2	4,196	3
Harrison	⅛	3	1,250	.....
Henry	.....	.....	.....	.....
Highland	.....	5	1,900	120
Hocking	11	40	31,675	1,015
Holmes	3	25	12,175	351
Huron	8	33	39,700	214
Jackson	⅞	5	6,935	120
Jefferson	11	15	23,130	1,695
Knox	7	37	35,659	12
Lake	30	87	65,200	110
Lawrence	20	.....	450	2
Licking	2	15	37,670	10
Logan	1	.....	4,620	60
Lorain	27	446	428,670	1,853
Lucas	143	157	532,290	9,533
Madison	.....	3	3,692	50
Mahoning	8	35	27,349	166
Marion	.....	1	6,420	60
Medina	.....	.....	2,320	.....

GRAPES AND WINE PRODUCED IN OHIO—Continued.

Counties.*	Grapes and wine.				
	Acres planted in the year 1878.	Whole number of acres in vineyard in 1878.†	Pounds of grapes gathered in 1878.	Gallons of wine pressed in 1878.	Total acreage reported in 1877.†
.....	2	20	24,340	91	27
.....	.....	4	345	222	1
.....	.....	7	615	5	8
e	2	40	31,450	4,319	40
omery	10	36	39,895	4,004	30
n	1	76	24,572	1,294	30
w	1	5	2,700	.....	5
ıgum	2	50	56,105	3,081	52
.....	2	5	6,724	440	8
a	16	1,900	3,448,103	318,807	1,862
ng	.....	.....	176	50	.....
.....	7	150	189,471	2,592	128
ray	3	14	10,150	465	10
.....	11	24	7,290	783	16
e	30	32	17,725	999	52
.....	½	.....	6,600	530	1
n	½	1	689	.....	15
nd	25	284	190,005	247	167
.....	15	121	62,090	4,494	172
ıky	7	16	25,860	2,928	36
.....	.....	x	4,430	368	10
.....	.....	16	21,941	1,077	8
.....	.....	.....	.....	.....	.....
.....	7	35	41,630	308	80
t	5	516	22,995	225	31
ull	10	46	14,708	8	23
away	4	25	3,632	265	27
.....	.....	12	8,690	269	8
ert	6	35	550	.....	2
.....	.....	75	11,955	90	36
n	1	6	13,934	466	8
ngton	5	103	141,875	10,949	77
.....	58	15	42,918	1,279	33
ns	½	2	2,510	27	10
.....	9	25	88,250	40	13
lot	4	13	8,500	44	101
als	1,09[illegible]½	8,866	10,311,715	70[illegible],733	8,560

* assessors' reports of "acres in vineyard" are so inaccurate as to be comparavalueless.
† etions omitted.

THE FRUIT CROPS OF OHIO.

BY M. B. BATEHAM,
Secretary of the State Horticultural Society.

[Prepared for the Annual Report of the Secretary of State.]

The Apple Crop of 1878, as may be seen by the tables, was over th million bushels—the largest crop ever produced in the State. But f causes stated in this report of last year, this immense apple crop w no commercial benefit to the producers; in fact, much of the fruit left to rot on the ground, the prices in the markets not being suffic to pay for gathering and marketing. Then these excessive crops alw cause such exhaustion of the trees as to prevent their bearing fruit next season; hence the orchards generally in this State, as elsewh have come into the evil habit of bearing an over-abundant crop, the scant one or none, each alternate year. The crop of this year, 1879, that of 1877, is almost a failure in most parts of the State—the t taking a season in which to recuperate and prepare for another big c in 1880.

Much discussion has been had, in our horticultural meetings and p lications, as to the possible methods of preventing or lessening t tendency of apple trees to alternate their crops. Some orchardists h tried picking off the young fruit from a portion of their trees in season of full crop; but this is too laborious, except on a limited sc as for home use. The best plan seems to be to plant young orcha then cut away those that have become old and unprofitable. At a rate, cultivate and fertilize the orchards so as to keep the trees i growing condition, then they will not be so likely to overbear, or n to have seasons of rest.

The next greatest cause of damage to our apple crops is the "ap worm," or larva of the codling moth. This evil, also, is found to gra ally increase as the orchards grow old, and if no measures are taken check it, a large share of the fruit is thereby rendered unsaleable. T methods of trapping the worms will be found described in our Hortic tural Reports. The best plan, for farmers' orchards, is to keep in the a sufficient number of hogs or sheep, during summer, to eat up all t wormy fruit as fast as it drops from the trees.

PEACHES.

The peach crop of 1878 was a light one (1,476,159 bushels), and somewhat generally diffused over the State. The crop of this year (1879) was an entire failure in the central and southern parts of the State, owing to the extreme cold of the past winter, when the mercury went as low as 20° to 22° below zero, causing destruction of the fruit buds and much damage to the trees. In the northern border of the State the cold was not so severe, and the buds escaped injury, so that a fair crop of fruit was realized. Having two good crops in succession in this section of the State, and but few failures in the past six or ten years, of course there is a disposition to plant more peach trees along the lake shore, and but few elsewhere in the State.

PEARS.

The crops of pears have been less variable than those of apples and peaches, and the amount is of course less—that of 1878 was 110,419 bushels. Failures are not apt to occur from winter-killing of the buds, but the trees are often injured by cold so as to cause them to die of blight the next summer. There is also the so-called "fire-blight," which kills many pear trees and discourages planting, so that there has been no considerable increase of this fruit in the State. Much of the crop of this season was lost in consequence of the warm autumn causing the late varieties to ripen too early, and to decay before they could be marketed. Many of the winter apples were also lost, or had to be sold at low prices, owing to the same difficulty.

CHERRIES.

The varieties of sweet cherries have not generally done well for some years past, owing to injury to the trees by the winters, or the tendency of the fruit to rot at the time of ripening; hence these are but little grown for the markets. The Morello or sour cherries are more hardy and reliable, and some of these, as the Early May variety, are largely grown in southern parts of the State, the fruit being shipped extensively. Some planting of this variety has also been done of late in northern localities, both for market and home use. We have no statistics of cherries or plums.

PLUMS

Blue Damsons are largely grown in the vicinity of Cincinnati, also on the hilly lands in Ross county, and shipped to distant markets. The trees are very hardy, and the crops reliable; but the finer kinds of plums, such as the Lombards and gages, have not been generally suc-

cessful of late. A large amount of planting of these was done years ago in various parts of the State, but the bearing trees ha many cases, been injured by the winters, so that planting has mostly stopped. One or two good crops would be likely to start it a

GRAPES.

Grape growers in most parts of the State have met with sever couragements for several years past. Last winter injured the badly in all the central and southern districts, and the fatal *rot* ha tinued to destroy the fruit in a majority of vineyards. This m was not as generally prevalent this season (1879) as for several pre years, owing, no doubt, to the dry summer; but in localities wher damp, and sultry weather occurred in July, the rotting was as b ever. The disease being evidently caused by the weather, or a pheric influences, it is difficult to devise any means of its preve The matter has been much discussed in our horticultural meeting those seeking information about it are referred to the annual re In the lake-shore region and on the Islands, where the largest vine are located, the grape crop of 1879 was about as large as that of 187 owing to the warm autumn the fruit ripened better than it has do a number of years before; so that the wine is expected to be of u ally fine quality. Some planting of new vineyards is done each ye the Islands, but the aggregate acreage for the State has been re somewhat in the past four or five years, owing to vineyards i interior districts failing so repeatedly by the rot.

THE BERRIES.

These are called "small fruits" in the books and catalogues, bu are of greater importance and value to most of our fruit growers th the others that have been named; and if we had reliable statistics amounts produced and consumed, the figures would surprise most p There has been a remarkable increase in the sale and consumpti these fruits of late years, in all our towns and cities, and the im ments in varieties and in methods of culture have lessened the c production so that the growers can afford to put the prices low en to be within the reach of the million.

From careful inquiries made the past summer, it was estimated not less than 40,000 bushels of strawberries were consumed in the Cincinnati, and as many more sold there for shipment to other p At Dayton and Columbus the consumption was 10,000 to 15,000 bu and in Cleveland about 25,000 bushels, besides large amounts ship

Detroit, Buffalo, etc. The prices ranged from $1.25 to $3.00 per bushel, averaging about $2.00.

Of raspberries the consumption has increased about as fast as strawberries, and the amounts sold are nearly as great—which was not formerly the case. The fruit of the black varieties bears transportation better than strawberries, and is shipped to large distances with profit. That of the red varieties is better for home markets, and usually brings higher prices. The following items respecting the berry trade of Cincinnati are taken from a carefully compiled article published in the papers of that city in August last:

Forty years or so ago it was considered a wonderful thing that 100 bushels of strawberries could be disposed of in one day in the Cincinnati markets. A close estimate shows that during the past strawberry season 80,000 to 85,000 bushels were sold in this city. Of course a large portion of these were shipped away, but it is estimated that nearly one-half were consumed here. The price averaged about $2.25 per bushel. The crop was about an average one, both in quantity and quality.

Of black raspberries it is estimated that the quantity handled in Cincinnati this season was 75,000 to 80,000 bushels. Something over one-half of these were probably shipped away. The crop was a fairly good one, and the price averaged about $2.00 per bushel. About 12,000 to 15,000 bushels of this fruit were canned at the great packing houses in the city. Of the red raspberries 3,000 to 4,000 bushels are sold annually in the city, at an average of about $4.00 per bushel. These are not so easily grown, and cannot well be shipped. Blackberries were a failure this season, owing to the severe winter. In good seasons the quantity sold here is from 20,000 to 30,000 bushels. Gooseberries also failed this year. In fair seasons the crop is estimated at 8,000 bushels.

Of tomatoes it is estimated that the quantity that will be sold in the Cincinnati market, including those raised on contract for the canning establishments, will be from 175,000 to 200,000 bushels. Of these about 100,000 bushels will be canned, making over two millions cans.

The greater part of all the berries sold in Cincinnati are grown in Anderson township, of Hamilton county; and, as evidence that the business of growing such fruits *pays*, the fine houses and handsome furniture and grounds of the people of that township are referred to by the editors who gathered the statistics.

METEOROLOGY,

CLIMATOLOGY, AND ELEVATIONS.

METEOROLOGY, Etc.

RESULTS OF METEOROLOGICAL OBSERVATIONS MADE URBANA, OHIO, LAT. 40° 6′ NORTH, LONG. 83° 43′ WEST 1,044 FEET ABOVE TIDEWATER.

BY MILO G. WILLIAMS.

[Prepared for the Annual Report of the Secretary of State.]

EXPLANATIONS.

Thermometer.—The observations were made in accordance with methods of the Smithsonian Institution, the hours of observation be 7 A. M., 2 P. M., and 9 P. M. The self-registering thermometer shows minimum for the day. The means are made from the three regular d observations.

Barometer.—The true height of the mercury is obtained by making proper allowances; the record is made in inches and fractions of an i

Snow and Rain.—The number of days is given, together with depth in inches and fractions. The column of rain-fall includes snow melted.

Cloudy.—The degree of cloudiness is indicated by numbers, the s being from 10 to 0; 10 indicates cloudiness, 5 one-half, and 0 no clo or entirely clear; the intermediate numbers show the portion of the covered.

Wind.—The force of the wind is on the same scale; 0 being no wi or calm, 5 high wind, and 10 the most violent hurricane. The cours given to eight points of the compass, the same as the clouds.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT URBANA, OHIO, FOR THE YEAR 1879.

1879.	Minimum temperature.	Day.	Maximum temperature.	Day.	Coldest day.	Mean of the coldest day.	Warmest day.	Mean of the warmest day.	Mean temperature of the month.	Minimum of the barometer.	Maximum of the barometer.	Monthly mean of barometer.	Quantity of snow.	Quantity of rain-fall.	Number of days of snow.	Number of days of rain.	Number of days wholly cloudy.	Number of days fair.	Number of days clear.	Thunder.
January	—23	3d	51	27th	3d	—13½	27th	48½	21.68	28.55	29.23	28.92	8.75	1.75	6	3	7	11	2	0
February	0	14th	48	10th	14th	4¼	25th	41½	25.62	28.32	29.27	28.87	9.15	2.98	9	3	4	10	2	0
March	8	15th	72	8th and 10th	18th	23	9th	62½	39.58	28.45	29.30	28.90	13.92	5.04	6	8	1	11	2	5
April	16	3d	86	24th	3d	27	24th	68½	49.67	28.34	29.26	28.82	2.25	.75	1	4	5	16	6	0
May	32	2d and 8th	90	13th and 20th	1st	48	31st	80½	64.47	28.51	29.22	28.89	.00	2.88	0	7	0	14	10	5
June	44	18th	92	25th	2d	56½	25th	79½	69.95	28.39	29.14	28.84	.00	5.10	0	12	1	13	4	5
July	56	1st and 19th	95	16th	18th	62½	11th and 16th	82½	75.81	28.56	29.03	28.84	.00	5.57	0	10	1	15	5	11
August	44	10th	91	1st and 3d	16th	58	1st	79½	68.93	28.58	29.01	28.83	.00	5.01	0	10	0	11	10	2
September	39	29th	82	30th	24th	49½	1st	71	59.31	28.34	29.19	28.93	.00	2.35	0	9	1	13	7	2
October	21	25th	90	7th	25th	34	11th	74	60.00	28.55	29.46	28.98	.00	.82	0	5	2	2	4	1
November	14	24th	74	8th and 13th	20th	21½	8th	66½	41.78	28.42	29.31	28.92	1.45	4.51	3	10	2	12	3	1
December	4	26th	64	5th	26th	10	5th	56½	35.78	28.39	29.33	28.90	.95	3.62	2	11	13	5	0	0
Means and summary									51.05			28.89	36.49	40.38	27	102	40	149	55	32

MEAN DEGREE OF FORCE OF THE WIND, AND THE COURSE FROM WHICH IT COMES, AND THE NUMBER OF OBSERVATIONS EACH MONTH, AT URBANA, OHIO, FOR 1879.

1879.	Mean force.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	
January	1.35	5	0	3	7	9	8	10	12	
February	2 02	1	1	1	4	6	17	15	10	
March	1.44	3	4	7	3	9	17	12	5	
April	1.61	1	13	0	1	8	7	7	14	
May	2.88	8	5	7	6	8	14	7	6	
June	1.55	5	2	2	5	5	12	9	10	
July	1.25	0	7	3	2	4	18	10	3	
August	1.04	3	8	2	0	6	18	3	4	
September	1.22	0	3	5	3	8	11	5	3	
October	1.17	1	2	1	4	11	19	7	4	
November	2 07	2	0	0	4	14	20	11	10	
December	1 83	0	3	6	8	10	19	9	7	
Sums and means	1.62	29	48	37	47	98	179	105	88	4

MEAN DEGREE OF CLOUDS, AND THE COURSE FROM WHICH THEY COME, FOR 1879.

1879.	Mean degree.	Mean velocity.	N.	N. E.	E.	S. E.	S.	S. W.	W.	N. W.	Doubtful.	
January	6 46	3 22	0	0	0	0	0	2	26	9	37	
February	6 27	2.59	0	0	0	1	2	5	23	4	25	
March	5.96	3 38	1	2	2	0	5	4	27	5	19	
April	5.19	3.10	4	7	0	0	5	6	18	3	13	
May	3.14	2 91	5	2	2	2	4	3	15	3	9	
June	4.45	3 02	8	0	0	1	5	10	16	6	8	
July	3.85	2.59	0	4	2	0	4	6	26	4	9	
August	3 55	2.57	5	6	2	0	7	10	8	0	6	
September	3 98	2 41	2	1	0	1	5	4	20	2	10	
October	3.37	3 07	3	3	1	0	6	12	20	3	6	
November	5 89	4 32	2	0	0	1	4	15	19	5	20	
December	8 83	3.63	1	0	3	0	6	9	16	4	46	
Sums and means	5.06	3.07	31	25	12	6	53	86	231	48	208	39

NOTES FOR 1879.

THERMOMETER.

Highest point, 95 degrees, July 16; lowest point, 25 degrees BELOW ZERO, January 3.

Warmest day, mean degree, 82½, July 11; coldest day, mean degree, 13¾ BELOW ZERO, January 3.

Warmest month, mean degree, 75½, July; coldest month, mean degree, 21½, January.

Mean temperature of the year 51.05°. This is 4.71 below the mean for 48 years; and the first 10 days of January were colder than the first 10 days of any January for 28 years; the last 10 days were five times as warm as the first ten, though they were generally colder, and it may be observed in the table that September was colder than October. July and August were colder than usual; but October, November, and December were much warmer than usual—so much so that they had a marked effect on vegetation. Buds were beginning to swell, and strawberries were seen in the garden. The like is not known to have occurred in a life-time.

At the beginning of the storm—August 3—the thermometer fell 17 degrees in 30 minutes, over one-half a degree in one minute.

There were frost and ice on the morning of the 8th of May. This was the last frost of the spring; the first frost of autumn was on the 9th of September. The ice on still water was 17 inches thick January 7. The winter of 1878-9 was unusually cold. The peach and choice cherry buds were killed. At the end of April the spring was late, but by the end of May the warm weather brought it up to the mean.

BAROMETER.

Highest point, 29.46 inches, October 26; lowest point, 28.32 inches, February 25. Range, 1.14 of an inch. This is not an unusual range for the year. The mean for the year is 28.887 inches.

During the months of February and April the barometer was very uneasy, subject to short and great changes. At the end of the storm on the 27th of February the change was near an inch.

RAIN.

The annual mean of rain-fall, including snow melted, for the previous 28 years, is 39¾ inches; and this year is only one-third of an inch above the average. There were no remarkably great rains. Those of January 20, July 20, August 15 and 24, and November 14, were very little over two inches. The rain for the month of April was small, only three-fourths of an inch. There was hail during the storm of July 10; the hail-stones were large, but very few.

The dry weather of September and October did some injury to winter wheat, but it was favorable to ripening corn.

SNOW.

The annual mean of snow is 35½ inches, while this year is only an inch above the average; the ground was covered 66 days. Less than one inch fell in December, while in December, 1878, the whole quantity was 16 inches. The last snow (2¼ inches) of the spring was on the 3d of April; and the first of autumn (1 inch) was on the 20th of November.

CLOUDS.

December is the most cloudy month of the year. This year it has been more cloudy than for 28 years. The sky has been covered with clouds near nine-tenths at the time of observation; whereas the mean for December is about seven-tenths. The mean for the whole year shows the sky to be half covered. July, August, and September are the least, and about the same, a little less than one-half overcast. It will be seen by the table that the clouds are generally from the west.

WIND.

The wind has been 15 per cent. below the average. March is the most windy month, and August the least. The course is usually from the south-west and west. There was a gale with the rain on the 10th of July, and on the 15th and 24th of August there was a violent gale during the night, doing damage to corn, fences, and slight structures. On November 14 there was a tornado from the south-west, crossing the Springfield road about a mile south of Urbana. It tore up trees by the roots, blew down barns and outbuildings, and damaged residences. These are the only wind storms during the year doing much or any injury.

THE WEATHER AT CINCINNATI.

[From Annual Report of the Cincinnati Chamber of Commerce.]

The following information, with sundry tables relating to the weather at Cincinnati, during the past year, has been furnished by Nelson

Gorom, Esq., Observer of the Signal Service Department of the United States Army, at this city. It is the most complete statement of the results of meteorological obervations at this city which the Signal Office has furnished the Chamber, and besides being valuable, is exceedingly creditable to the capable and faithful officer to which the Government has committed its interests at this city:

September, 1878.—Month remarkable for number of clear days and mild weather. A deficiency of 0.46° in mean temperature, and an excess of 0.74 inches in average rain-fall. Fogs and halos frequent. Nearly one half of precipitation during the month fell between the 10th and 13th. Following the heavy rains of the 12th and 13th at the headwaters, a heavy rise occurred in the Ohio at Pittsburgh, the river at that point rising from 3 feet on the 13th, to 10 feet 8 inches on the 14th, thereby letting out six and a half million bushels of coal. The rise reached this city on the 15th, when the river rose 20 feet 8 inches in the 24 hours ending at 3 P.M. that date. This was the most rapid rise on record at this point. Considerable damage was done to property along the river. Heavy drift, with fragments of houses, barges, etc., were passing this point for several days thereafter.

October.—Month noted for the number of clear days, mean temperature 0.85° above the average. A deficiency of 0.32 inches in the average precipitation. Fogs and halos frequent. First frost occurred on the 12th. Frosts were quite frequent after that date. First ice observed on the 23d, and first snow of season on the 27th.

November.—Few rainy days, and unusually high mean temperature, the excess being nearly 4° above the average. Fogs, frosts, and halos frequent. A deficiency in the precipitation of 0.38.

December.—Month noted for large number of cloudy days, and days on which there was precipitation. Only two clear days. An excess in precipitation of 0.56 inches. Mean temperature 5.68° below the average. Heavy snow storm on the 20th. Canal frozen over on the 19th, and navigation on the river suspended on account of the heavy ice after the 25th. The Licking frozen over on the 23d, and ice eight inches in thickness by the 30th. Temperature —1 on the 24th.

January, 1879.—Unusually low temperature on the 3d. Small amount of precipitation, the deficiency being 1.20, and large range of temperature; range being 74, the greatest range observed since the establishment of the Signal Office. Mean temperature 2.19° below the average. Unusually low temperature prevailed over the North-west Territory of British America during the 1st and 2d: —60° at Battlefield, the capital of the North-west Territory; —35° at Fort Pelly, and —29° at Winnepeg. Lowest temperature in the United States —32°, at Pembina, on the 1st, and at Breckenridge on the 2d. The polar wave struck this city about midnight of the 2d, at which time the thermometer indicated —5°, reaching its lowest point at 6:30 A.M. on the 3d, when it indicated —10°, the lowest ever recorded by the service in this city. Thermometers exposed on the neighboring hill-tops ranged from 15° to 20° below. Minimum thermometer ranged from —2.5° to —10°, from the 2d to the 5th. Deaths from freezing were reported at numerous places in the North-west, and railroads had to suspend operations on account of the extreme temperatures. With the exception of a few arrivals and departures on the 1st and 2d, navigation remained suspended until the 15th. The river was open from Parkersburg to New Orleans on the 24th. Pedestrians crossed the river on the ice from the 3d to the 12th. The rapid rise of the Kanawha, Guyan, and Big

vers on the 10th caused great anxiety in this city, and the river-men, under- and coal-men employed tow-boats, etc., and set to work at once to break up the ont of the city. The rise from above reached here on the 13th, and the ice in the city broke at 4:00 P.M. on that date. A few slight damages occurred, ing like the disasters of former years took place, which may be attributed to autions taken by the parties most interested. Frosts and halos frequent.

ry.—Noted for the large number of days there was precipitation. Heavy snow- the 17th. Frosts and halos frequent. Mean temperature 2.58° below the aver- ficiency of 0 41 in the precipitation.

—Large number of fair days and high mean temperature, the mean being above the average. There was an excess of 1.41 in precipitation. Frosts and quent. Heavy snow-storm on the 16th, the only fall of snow during the month. in-storm on the 22d. Four thunder-storms in the month.

-Great number of clear days and solar halos. Frosts frequent. Mean tempera- ° below the average. Nearly an inch deficiency in rain-fall. Only .10 fell after Last frost of the season occurred on the 22d. Three thunder-storms during h.

Large number of clear and fair days. Rain fell on only eight days. Mean tem- 2.06° above the average. Deficiency of 1.40 inches in rain-fall. Only one cloudy g the month on which rain did not fall. Violent rain-storm on the morning of 2 20 inches fell between the hours of 10:15 P M, 25th, and 7 A.M., 26th, the ortion falling between 12:55 and 1:30 A M. of 26th. Five thunder-storms during h. Light hail storms on the 13th and 25th. Halos frequent. Only .96 inches ll previous to the 25th.

Large number of clear days. Heavy dew during nights, and light fogs in the Mean temperature 1.27° below the average. An excess of 0 62 inches in the f rain-fall. Heavy rains on the 10th and 27th; on the 10th 1.30 inches fell in ve minutes. Light hail on the 10th. Four thunder-storms during the month. Large number of clear and fair days. Numerous thunder storms, and sudden showers. Only two cloudy days on which no rain fell. Mean temperature 2 05° average. Mean temperature of 11th was 89°, the highest daily mean ever at this station, and equal to the mean of July 7, 1874, when the maximum ter reached 103°. Great number of prostrations from heat reported during the erm." A deficiency of 2.53 inches in the amount of rain fall. Heavy showers 9th, 10th, and 23d; on the 10th, .60 inches fell in seventeen minutes. Eight forms during the month. Heavy dew at night, and fogs in the morning were Only three solar halos were observed.

—Remarkable for the number of sudden and heavy rains, large number of rainy unusual large amount of rain-fall, the excess being 7 27 inches above the av- ith but two exceptions it was clear every day during the month on which rain ll. Mean temperature, 2.58° below the average. Solar and lunar halos ob- the 5th. During the heavy rain of the 5th 1 46 inches fell in twenty minutes. der storms during the month. Heavy dew at night, and fog in the morning

TEOROLOGICAL DATA FOR THE YEAR ENDING AUGUST 31, 1879.

TEMPERATURE.

n temperature of the year was 55.41°, which is 0.32° below the average for the

The highest temperature was 95°, July 11th and 16th.

The lowest temperature was —10°, January 3d.

The yearly range of temperature was 105°.

The coldest month was January, with a mean temperature of 31.02°.

The coldest week was from January 1st to 7th, with a mean temperature of 12.21°.

The coldest day was January 3d, with a mean temperature of —1.00°.

The mercury fell to zero, or below, six times, as follows: December, one time; January, five times.

The warmest month was July, with a mean temperature of 81.31°.

The warmest week was from July 10th to 16th, with a mean temperature of 85.25°.

The warmest day was July 11th, with a mean temperature of 89.00°.

The mercury reached or exceeded 90° twenty-two times, as follows: June two times; July, sixteen times, and August four times.

The greatest monthly range of temperature was 74°, January.

The least monthly range of temperature was 34°, July.

The mean monthly range of temperature was 48.9°.

The greatest daily range of temperature was 41°, February.

The least daily range of temperature was 5°.

The mean daily range of temperature was 16.61°.

The mean temperature of autumn was 57.40°, winter 32.14°, spring 55.96°, summer 76.04°.

The average temperature for the past eight years of autumn was 56.11°, winter 35.62°, spring 54.51°, summer 76.63°.

The last light frost of spring was on April 22d.

The first light frost of autumn was on October 12th.

RAIN, ETC.

The entire amount of rain and melted snow was 47.67 inches, which is 6.15 inches above the average precipitation of seven preceding years.

The longest interval without rain of any consequence was from April 17th to May 5th, only .96 falling during that period.

The rain-fall by seasons was as follows: autumn, 8.00; winter, 8.31; spring, 11.67 summer, 19.69.

The average of the seven preceding years was as follows: autumn, 7.96; winter, 9.39; spring, 9.85; summer, 14.33.

The number of thunder storms was thirty.

The number of hail storms was three.

The first snow of autumn was on October 27th.

The last snow of spring was on April 3d.

There were 103 clear, 80 fair, and 35 cloudy days, other than those on which rain or snow fell.

The mean relative humidity was 62.38 per cent.

The average relative humidity for past eight years was 64.19 per cent.

The driest month was May, with a mean of 52.85 per cent.

The dampest month was December, with a mean of 69.14 per cent.

WINDS.

The prevailing direction of the wind was south-east.

The total movement of air during the year was 51,970 miles.

Sandy rivers on the 10th caused great anxiety in this city, and the river-men, undertakers, and coal-men employed tow-boats, etc., and set to work at once to break up the ice in front of the city. The rise from above reached here on the 13th, and the ice in front of the city broke at 4:00 P.M. on that date. A few slight damages occurred but nothing like the disasters of former years took place, which may be attributed to the precautions taken by the parties most interested. Frosts and halos frequent.

February.—Noted for the large number of days there was precipitation. Heavy snow-storm on the 17th. Frosts and halos frequent. Mean temperature 2.59° below the average. Deficiency of 0 44 in the precipitation.

March.—Large number of fair days and high mean temperature, the mean being nearly 3° above the average. There was an excess of 1.41 in precipitation. Frosts and halos frequent. Heavy snow-storm on the 16th, the only fall of snow during the month. Heavy rain-storm on the 22d. Four thunder-storms in the month.

April.—Great number of clear days and solar halos. Frosts frequent. Mean temperature 0 58° below the average. Nearly an inch deficiency in rain-fall. Only .10 fell after the 16th. Last frost of the season occurred on the 22d. Three thunder-storms during the month.

May.—Large number of clear and fair days. Rain fell on only eight days. Mean temperature 2.06° above the average. Deficiency of 1.40 inches in rain-fall. Only one cloudy day during the month on which rain did not fall. Violent rain-storm on the morning of the 26th; 2.20 inches fell between the hours of 10:15 P M, 25th, and 7 A.M., 26th, the greater portion falling between 12:55 and 1:30 A M. of 26th. Five thunder-storms during the month. Light hail storms on the 13th and 26th. Halos frequent. Only .96 inches of rain fell previous to the 25th.

June.—Large number of clear days. Heavy dew during nights, and light fogs in the mornings. Mean temperature 1.27° below the average. An excess of 0 62 inches in the amount of rain-fall. Heavy rains on the 10th and 27th; on the 10th 1.30 inches fell in twenty-five minutes. Light hail on the 10th. Four thunder-storms during the month.

July.—Large number of clear and fair days. Numerous thunder storms, and sudden and heavy showers. Only two cloudy days on which no rain fell. Mean temperature 2 05° above the average. Mean temperature of 11th was 89°, the highest daily mean ever observed at this station, and equal to the mean of July 7, 1874, when the maximum thermometer reached 103°. Great number of prostrations from heat reported during the "heated term." A deficiency of 2.53 inches in the amount of rain fall. Heavy showers fell on the 9th, 10th, and 23d; on the 10th, .60 inches fell in seventeen minutes. Eight thunder storms during the month. Heavy dew at night, and fogs in the morning were frequent. Only three solar halos were observed.

August.—Remarkable for the number of sudden and heavy rains, large number of rainy days, and unusual large amount of rain-fall, the excess being 7 27 inches above the average. With but two exceptions it was clear every day during the month on which rain did not fall. Mean temperature, 2.58° below the average. Solar and lunar halos observed on the 5th. During the heavy rain of the 5th 1 46 inches fell in twenty minutes. Five thunder storms during the month. Heavy dew at night, and fog in the morning frequent.

METEOROLOGICAL DATA FOR THE YEAR ENDING AUGUST 31, 1879.

TEMPERATURE.

The mean temperature of the year was 55 41°, which is 0.32° below the average for the past eight years.

The highest temperature was 96°, July 11th and 16th.

The lowest temperature was —10°, January 3d.

The yearly range of temperature was 106°.

The coldest month was January, with a mean temperature of 31.02°.

The coldest week was from January 1st to 7th, with a mean temperature of 12.21°.

The coldest day was January 3d, with a mean temperature of —1.00°.

The mercury fell to zero, or below, six times, as follows: December, one time; January, five times.

The warmest month was July, with a mean temperature of 81 31°.

The warmest week was from July 10th to 16th, with a mean temperature of 85.25°.

The warmest day was July 11th, with a mean temperature of 89.06°.

The mercury reached or exceeded 90° twenty-two times, as follows: June two times; July, sixteen times, and August four times.

The greatest monthly range of temperature was 74°, January.

The least monthly range of temperature was 34°, July.

The mean monthly range of temperature was 48 9°.

The greatest daily range of temperature was 41°, February.

The least daily range of temperature was 5°.

The mean daily range of temperature was 16.61°.

The mean temperature of autumn was 57 40°, winter 32.14°, spring 55.99°, summer 76.04°.

The average temperature for the past eight years of autumn was 56.11°, winter 35.62°, spring 54.51°, summer 76.63°.

The last light frost of spring was on April 23d.

The first light frost of autumn was on October 12th.

RAIN, ETC.

The entire amount of rain and melted snow was 47.67 inches, which is 6.15 inches above the average precipitation of seven preceding years.

The longest interval without rain of any consequence was from April 17th to May 25th, only .96 falling during that period.

The rain-fall by seasons was as follows: autumn, 8.00; winter, 8.31; spring, 11 67 summer, 19 69.

The average of the seven preceding years was as follows: autumn, 7.93; winter, 9.39; spring, 9.85; summer, 14.33.

The number of thunder storms was thirty.

The number of hail storms was three.

The first snow of autumn was on October 27th.

The last snow of spring was on April 3d.

There were 103 clear, 80 fair, and 35 cloudy days, other than those on which rain or snow fell.

The mean relative humidity was 63.38 per cent.

The average relative humidity for past eight years was 64.19 per cent.

The driest month was May, with a mean of 52 85 per cent.

The dampest month was December, with a mean of 69.14 per cent.

WINDS.

The prevailing direction of the wind was south-east.

The total movement of air during the year was 51,970 miles.

The greatest monthly velocity was 5.149 miles, December.
The least monthly velocity was 3.374 miles, August.
The greatest daily velocity was 327 miles, April.
The least daily velocity was 48 miles, July.
The maximum hourly velocity was 25 miles.

BAROMETRICAL OBSERVATIONS.

Barometer corrected for temperature and elevation above sea level (620.422
Mean barometer was 30.063.
Highest barometer was 30.660, February 27th.
Lowest barometer was 29.342, November 27th.
Annual range of barometer was 1.318.
Highest monthly pressure was 30.194, January
Least monthly pressure was 29.963, July.
Greatest monthly range was 1.213, December.
Least monthly range was .565, July.
Average monthly range was .878

TABLE SHOWING, FOR EACH MONTH, THE VELOCITY AND PREVAILING DIRECTION OF THE WINDS,

And the number of times the wind blew from each point of the compass, the winds most and least likely to be followed by precipitation, together with the highest and lowest stages of the Ohio River at *Cincinnati*, for the commercial year ending August 31, 1879:

1878-79	Wind.																	River.				
	Prevailing direction.†	Total number of miles traveled.	Greatest daily velocity.	Least daily velocity.	Mean daily velocity, (miles per hour.)	Mean hourly velocity, (miles per hour.)	Maximum velocity in miles per hour.	North.	Northwest.	West.	Southwest.	South.	Southeast.	East.	Northeast.	Calms.	Followed by rain or snow.		Highest, feet and inches.	Date.	Lowest, feet and inches.	Date.	Range, feet and inches.
																	Most likely.	Least likely.					
September	S. E.	3,809	228	57	127 0	5.3	19	36	17	15	13	30	5[illegible]	26	1[illegible]	3	S. S. W. to E. S. E.	W. to N.	36 [illegible]	17	5 [illegible]	14	31 2
October	S. E	4,584	321	67	147 9	6.2	20	21	40	22	11	35	47	14	14	2	S. E to S. W.	N. to W.	11 8	31	4 4	22, 3, 4	7 1
November	N. W.	3,741	302	51	124 6	5.1	21	19	38	28	24	20	32	20	27	3	S to E.	N. N. W. to N. N. E.	35 9	30	9 5	11, 12	26 4
December	W.	5,149	276	83	166 1	6.9	25	12	47	50	40	12	30	15	11	0	S. W. to S. E.	N. to W.	41 4	15	13 5	31	27 11
January	N. W	4,127	234	65	133.9	6.6	21	14	46	38	31	23	31	13	13	0	S. S. W. to E. S. E.	N. to W.	35 9	31	11 0	2	24 9
February	N. W.	5,163	309	84	179 6	7.5	24	14	47	29	28	18	31	14	13	0	S. to E.	N. to W.	40 [illegible]	2	18 [illegible]	23	21 9
March	N. W	5,054	241	99	163.0	6.8	24	27	50	26	25	20	39	18	13	2	S. W. to S. E.	N. to W.	38 10	30	26 0	1	12 10
April	N. W	4,627	327	51	147 6	6.1	24	32	3[illegible]	17	29	13	2	15	13	19	S. W. to S. E.	N. to W.	37 10	1, 2	14 10	30	23 0
May	N. E.	4,248	210	64	137.0	5.7	25	23	14	15	22	16	45	18	34	9	W. to S.	N. E. to N. W.	16 1	29	7 10	17, 18	8 11
June	S. W.	4,296	235	69	143.2	5	20	19	18	17	51	11	30	20	28	7	S. W. to S. E.	N. E. to N. W.	12 11	1	5 0	2, 29	7 11
July	S. W.	3,675	191	48	108 9	4.5	25	17	25	3	37	21	31	14	29	13	W. to S.	E. N. E. to N. N. W.	8 5	20	4 2	28, 29	4 1
August	S E	3,574	251	51	108 8	4.5	19	36	15	7	30	24	44	21	31	11	W. to S.	E. to N.	15 1	25	5 11	22	9 10
Totals	.....	51,970	..	..	.....	.....	....	281	390	295	355	246	44	210	262	71	.....	.....	....	.....	.....	.....	.....
Means	.....	4,331	270	66	142 5	5 9	22 5	23 7	32 5	24 6	29 6	20.5	36 7	17.5	21 8	5.9	.....	.....	....	.....	.....	.....	.....

* Observations of river taken daily at three P. M. Range of river during year, 37 feet, 2 inches.

† Prevailing direction of wind, southeast.

ELEVATIONS IN OHIO.

BY COL. CHAS. WHITTLESEY.

The surveys for canals, railways, and turnpikes in Ohio, fi these elevations are obtained, are not referred to one base lin level. A majority are reckoned from Lake Erie, which has a f surface. The observations of the past sixty years show an extr ence, counting by the monthly averages, of six feet eleve Counting by yearly averages, the extreme difference is five inches. The fluctuations within the year, or the annual rise varies from one foot three inches to two feet six inches. It that surveys starting from Lake Erie, unless referred to so register and corrected, are subject to all these differences. It i ferring to the ocean level, without regarding the state of the t

During the first geological survey, and for many years aft took, or caused to be taken, frequent observations upon the flu of the surface of Lake Erie. The United States engineers in lake harbors, in several instances made similar observations o or oftener. In 1859 these observations became a part of the w United States lake surveys, and have since that time embrace tions on each of the lakes. These water registers contain m and readings. By establishing the daily, the monthly, and tl fluctuations, the mean elevation of the lake surfaces above the been obtained with reasonable accuracy. Until 1875 the mea Lake Erie, above mean tide at Albany, New York, was fixed at The geological survey of the territories, in charge of Prof. F. V. and James T. Gardner, assistant, set about a comparison and c of altitudes for the entire United States. Their first correction w mined by an extremely accurate level, made by the coast sur mean tide at New York to mean tide at Albany. Instead of an h line, mean tide at Albany was found to be 4.84 feet higher ocean. By re-leveling the Erie Canal, the State Engineers fo mean surface at Buffalo to be 568.24 feet above Albany, instead o as heretofore reckoned. Thus the two corrections of 4.84 and 5 both rising, fixed the mean surface of Lake Erie at 573.08 feet i 565 feet. The Cleveland City directrix, or zero, is equal to t water of June, 1838, 2.68 feet above the mean surface, and is, t

575.68 above sea level. A re-survey of the Pennsylvania Central Railroad caused a change in the elevation of the Pittsburg directrix, which is low water of the Ohio River at that place. As the elevation of low water at Marietta, Portsmouth, and Cincinnati had been determined by reference to Lake Erie, these points must be raised eight feet.

The late Isaac N. Pillsbury, Civil Engineer, of Cleveland, undertook for the coast survey a critical comparison of the railroad levels in Ohio. Some of them were begun at various points on the Ohio River, referred to low water as zero. Frequent discrepancies of five feet were detected, several from five to ten feet, and in one instance a difference of thirteen feet at the crossing of lines, both referred to Lake Erie.

All of my memoranda of levels were made before the correction of 1875 for tide water at Albany, but this does not change their relation to each other.

Where railway surveys cross the canals, we have a means of correction with plus or minus error of about two feet, the secular rise and fall of this lake in reference to its mean level.

In the railway surveys among themselves, there may be a plus or minus error of five feet. To harmonize all these sources of error is a work too much for one individual. It requires the aid of a special bureau, sustained by the State or General Government.

I commenced this collection of elevations as a part of the first Geological Survey in 1837. It was continued, hoping to see them utilized, not only for the purposes of physical geology and precise profiles, but for the construction of a geological and topographical map and model of the State.

Under the late Geological Survey, exact details of this kind received very little consideration. Elevations and contour lines might have been put upon the last geological map, which is so carelessly gotten up, that it is not reliable either for its topography or its geology. Even the parallels of latitude and longitude are wanting.

Most of these levels were collected within the Ohio coal region for geological purposes, in order to fix, mathematically, the position, thickness, and dip of our coal and ore beds. None of them are taken by barometer.

Only a portion of the details are here given. The results of forty planes of dip may be seen in a table which is inserted below. Some errors in readings, footings, or copyings are unavoidable. For most of them fractions are neglected, the figures being given in the nearest whole number.

The number of engineers who have assisted me in this work, during the past forty years, are too numerous for a full acknowledgment here: but I

ELEVATIONS IN OHIO.—Continued.

Counties.	Localities, etc.	Height above Lake Erie.
Coshocton	Coshocton (*W* 208) *i*	198
	" low water Tuscarawas river *W*	168
	Oxford *i*	220
	Near New Castle *W*	751
	Conesville *i*	165
Crawford	Bucyrus *a*	434
	Galion *a*	596
	Crestline (*b* 594) *c*	601
	East line Sandusky township *W*	384
Cuyahoga	Cleveland union depot *c*	24
	" monument square *W*	89
	" corner Kinsman and Erie streets *W*	103
	" Wilson avenue *W*	128
	Newburg (*g* 224, *a* 240) *W*	227
	Bedford (*g* 368) *W*	379
	Solon *a*	457
Darke	Greenville *W*	480
	Union City *cc*	532
Defiance	Defiance *e*	125
	" canal level, lock 2	105
	" " " 1	96
	Old Fort *W*	
Delaware	Delaware *c*	378
	Ashley *c*	412
	Lewis Center *c*	387
Erie	Sandusky *k*	25
	Bloomingville deep cut *W*	160
Fairfield	Lancaster *d*	253
	Carroll	240
	" junction of Ohio and Hocking canals	274
Fayette	Washington C. H *O*	382
Franklin	Columbus union depot *c*	171
	" south " *d*	144
	" old capitol square	198
	" floor of rotunda of capital *W*	210
	" canal level *W*	128
	Worthington *c*	340
	Dublin *W*	266
	Westerville *O*	356
	Ohio State University *O*	193
Fulton	Wauseon *h*	200
	Delta *h*	149
	Archbold *O*	165
Gallia	Gallipolis, see river level	
Geauga	Summit Cuyahoga and Chagrin rivers *W*	627

ELEVATIONS IN OHIO.—Continued.

Counties.	Localities, etc.	Height above Lake Erie.	Height above ocean.
Greene	Xenia *W*	519	1094
	Yellow Springs *W*	396	971
Hamilton	Cincinnati, Ohio river, low water below Lake Erie, *W* 134		441
	Cin upper level of canal below Lake Erie, *W* 21		554
	Cincinnati, C. H. & D. R. R. track, 68 *c*		507
Hancock	Blanchard's Fork summit *W*	489	1064
Hardin	Kenton *k*	442	1017
	Forest *b*	365	940
	Summit, northeast, between Scioto and Auglaize rivers *W*	796	1371
Harrison	Cadiz Junction *i*	518	1093
	Millers *i*	432	1007
	Tunnel No. 4 *i*	605	1180
	Fairview *i*	436	1011
	New Market *i*	386	961
	Tunnel No. 5 *i*	480	1055
Henry	Napoleon *e*	107	682
	Liberty *e*	109	684
	Alma *i*	137	712
Highland	Hillsborough *W*	560	1135
Hocking	Logan (150 *O*) *d*	155	730
	Haydenville *d*	116	691
Holmes	Millersburg *W*	243	818
	Top of hills near Millersburg *W*	660	1235
	Holmesville *W*	290	865
	Summit, between Kilbuck and Mohican, south west part county *W*	585	1160
Huron	Norwalk *h*	155	730
	Monroeville *h*	161	736
	New London *c*	421	996
	Greenwich *c*	475	1050
	Bellevue (*k* 186) *h*	191	766
Jackson	Jackson *W*	220	795
	Lick township *W*	196	771
Jefferson	Steubenville *gg*	90	665
	" Washington street *i*	155	730
	" river level, low water		
	Hammondsville *g*	115	690
	Mingo Station *i*	94	669
	Tunnel No. 1 *i*	260	835
	Smithfield *i*	200	775
	Tunnel No. 2 *i*	370	945
	" 3 *i*	490	1065

ELEVATIONS IN OHIO.

TABLE SHOWING THE ELEVATIONS IN OHIO ARRANGED BY COUNTIES. COMPILED THE ANNUAL REPORT OF THE SECRETARY OF STATE.

(Fractions omitted.)

References.

W. Whittlesey. N. Newberry. A. Andrews. O. Orton. R. Read.

Railroad Survey, Level of Station or Track.

a Atlantic and Great Western Railroad.
aa " " " branches.
b Pittsburgh, Ft. Wayne and Chicago Railroad.
c Columbus, Cleveland, Cincinnati and Indianapolis Railroad.
cc " " " " " Indianapolis branc
d Columbus and Hocking Valley Railroad.
e Toledo, Wabash and Western Railroad.
f Cincinnati and Marietta Railroad.
g Cleveland and Pittsburg Railroad.
gg " " " branches.
h Lake Shore and Michigan Southern Railroad.
hh " " " " branches.
i Pittsburg, Cincinnati and St. Louis Railroad.
ii " " " " branches.
k Sandusky, Dayton and Cincinnati Railroad.
l Dayton and Michigan Railroad.

Counties.	Localities, cities, towns, etc..	Height above Lake Erie.	
Adams	West Union *W*	410	
	Base of Huron shale *W*	370	
Allen	Lima *b* (*L* 302)	309	
	Cairo *l*	241	
	Delphos *b*	211	
Ashland	Ashland *a*	511	1
	Loudonville *b*	412	
	Polk *a*	667	1

* The elevation of Lake Erie above sea level is assumed herein at 575 feet.

ELEVATIONS IN OHIO—Continued.

Counties.	Localities, etc.	Height above Lake Erie.	Height above ocean.
Ashtabula	Ashtabula *h*	75	650
	Conneaut *h*	78	653
	" *w*	120	695
	State line *h*	79	654
	Kingsville *w*	152	727
Athens	Athens *d f*	81	656
	Nelsonville *d*	108	683
	Salina *d*	84	659
	Pitchers grade *f*	301	876
	Warren *f*	98	673
	Big Run *f*	71	646
Auglaize	Wapakoneta *l*	318	893
	St. Mary's, canal level	291	866
Belmont	St. Clairsville (Kinney)		
	Main street crossing railroad	595	1170
	Bellaire *gg*	82	657
Butler	Hamilton *l*	29	604
	Canal basin	37	612
Carroll	Malvern *gg*	426	1001
	Oneida *gg*	436	1011
Champaign	Urbana (a 454) *k*	458	1033
	Summit, near Mechanicsburg *W*	543	1118
	Summit, n. w. part of county *W*	583	1158
Clarke	Springfield (a335) *W*	378	953
Clermont	Summit, near Bethel, *O* (about)	347	922
	Loveland *f*	21	596
Clinton	Wilmington *O*	417	992
	Martinsville *f*	470	1045
	Blanchester *f*	404	979
	New Vienna *f*	557	1132
	Railroad summit near Vienna *O*	594	1169
Columbiana	New Lisbon *n*	393	968
	Salem *b*	620	1195
	Wellsville *g*	115	690
	Liverpool *g*	120	695
	Columbiana *b*	555	1130
	Wellsville, level of river *W*	76	651
	Wellsville bluffs *W*	530	1105
	Round Knob *n*	844	1419
	Mahoning summit *n*	627	1202
	Yellow creek summit *g*	543	1116
	Salineville *g*	306	881
	Bayard *g*	503	1078
	Yellow creek hills *W*	681	1256
	Hanoverton (high land) *W*	624	1199

ELEVATIONS IN OHIO.—Continued.

Counties.	Localities, etc.	Height above Lake Erie.	Height above ocean.
Coshocton	Coshocton (*W* 208) *i*	198	773
	" low water Tuscarawas river *W*	168	743
	Oxford *i*	220	795
	Near New Castle *W*	751	1326
	Conesville *i*	165	740
Crawford	Bucyrus *a*	434	1009
	Galion *a*	596	1171
	Crestline (*b* 594) *c*	601	1176
	East line Sandusky township *W*	384	959
Cuyahoga	Cleveland union depot *c*	24	599
	" monument square *W*	89	664
	" corner Kinsman and Erie streets *W*	103	678
	" Wilson avenue *W*	128	703
	Newburg (*g* 224, *a* 240) *W*	227	802
	Bedford (*g* 368) *W*	379	954
	Solon *a*	457	1032
Darke	Greenville *W*	480	1055
	Union City *cc*	532	1107
Defiance	Defiance *e*	125	700
	" canal level, lock 2	105	680
	" " " 1	96	671
	Old Fort *W*	.....	98
Delaware	Delaware *c*	378	953
	Ashley *c*	412	987
	Lewis Center *c*	387	962
Erie	Sandusky *k*	25	600
	Bloomingville deep cut *W*	160	735
Fairfield	Lancaster *d*	253	828
	Carroll	240	815
	" junction of Ohio and Hocking canals	274	849
Fayette	Washington C. H *O*	382	957
Franklin	Columbus union depot *c*	171	746
	" south " *d*	144	719
	" old capitol square	198	773
	" floor of rotunda of capital *W*	210	785
	" canal level *W*	128	703
	Worthington *c*	340	915
	Dublin *W*	266	841
	Westerville *O*	356	931
	Ohio State University *O*	193	768
Fulton	Wauseon *h*	200	775
	Delta *h*	149	724
	Archbo'd *O*	165	730
Gallia	Gallipolis, see river level	.....	.....
Geauga	Summit Cuyahoga and Chagrin rivers *W*	627	1202

ELEVATIONS IN OHIO—Continued.

Counties.	Localities, etc.	Height above Lake Erie.	Height above ocean.
Tuscarawas	Hill top near Zoar Station (N 600) *W*	648	1223
	Zoar Station (N 314) *W*	316	1491
	Agnus hill *W*	708	1283
	Rowville, top of hill *W*	740	1315
Union	Richwood *O*	369	944
Van Wert	Van Wert *b*	213	788
Vinton	Zaleski *f*	148	723
	Raysville *f*	63	638
	Hamden *f*	148	723
	Vinton Furnace *f*	138	713
Warren	Lebanon *O*	165	740
	Morrow *O*	67	642
Washington	Marietta, river level low water *W*, below Lake Erie, 2	.....	573
	Harmar *f*	50	625
	Vincents *f*	201	776
	Little Hocking *f*	182	757
	Cutler *f*	204	779
Wayne	Wooster *b*	342	917
	" summit *b*	563	1138
	Orrville *W* 489 *b*	499	1074
	Summit, north-west part of county W	700	1275
	Killbuck at mouth Apple creek *W*	278	853
Williams	Bryan *h*	194	753
	Stryker *h*	146	721
	Summit *h*	304	879
	Edgerton *h*	270	845
Wood	Milton *l*	117	692
	Perrysburg *l*	64	639
Wyandot	Upper Sandusky *b*	267	862
	Carey	245	820

NOTE.—This table is expected to be only an introduction to more complete tables of elevations in future reports. In its preparation it was found that "authorities" differed in many instances, hence, although impossible to be exact in all cases, yet the greatest difference being but a few feet, the value of the table is not materially affected thereby.

ELEVATION IN OHIO.—Continued.

Counties.	Localities, etc.	Height above Lake Erie.	Height above ocean.
Knox	Mt. Vernon *W*	416	991
	Summit, northwest part of county *W*	715	1290
	" Schenck's and Six Mile run *W*	720	1295
	" " and Balls run *W*	660	1235
Lake	Painesville *W*	120	695
	" railroad station *h*	76	651
	Little Mountain *W*	600	1175
	Mentor W	109	684
	Centerville *W*	105	680
Lawrence	Ironton	.....	.....
Licking	Newark (door sill old court house) *W*	272	847
	" railroad depot, Third street *i*	246	821
	Licking summit Ohio canal *i*	317	892
	" Narrows river level *W*	200	775
	Summit of hills in northwest part of county *R*	741	1316
	Hanover *i*	257	832
	Summit of hill near Jacktown	660	1235
	Jacktown *W*	500	1075
	National road west of Jacktown *W*	450	1025
	" east " *W*	550	1120
Logan	Bellefontaine (*cc* 640) *k*	643	1118
	Summit of Great Miami and Scioto Rivers *W*	786	1361
	Summit of Slate hill on Hogue's farm 1½ miles east of Bellefontaine *O*	975	1550
Lorain	Elyria *W*	160	735
	Oberlin (*W* 240) *k*	252	827
	Grafton *W c*	228	803
	Wellington (279 *W*) *c*	286	861
	Rochester	360	935
Lucas	Toledo (*e* 10) *l*	12	587
	" *k*	14	589
	Richfield (highest level about) *O*	140	715
	Maumee city *e*	66	641
	White House *e*	79	654
	Swanton *k*	110	685
Madison	London *O*	440	1015
Mahoning	Youngstown *aa*	290	865
	Canfield (Academy) *W*	612	1187
	Mahoning, summit and Harpers Run *W*	627	1208
Marion	Marion *a* 389 *cc*	402	977
	" *W*	410	965
	Summit, north line of county *W*	354	929
Medina	Wadsworth *a*	542	1117
	Harrisville, sum't Killbuck and Black rivers *W*	336	911
Mercer	St. Marys, reservoir *W*	278	853
Miami	Troy *l*	270	845
	" canal level	277	832
	Piqua *l*	360	935

ELEVATIONS IN OHIO.—Continued.

Counties.	Localities, etc.	Height above Lake Erie.	Height above the Ocean.
Montgomery	Dayton (*l* 180) *a*	179	754
	" canal level *W*	178	753
	" " and D. M. R. R. crossing *l*	166	741
	River level seven miles north of Dayton *W*	315	690
Morrow	Gilead Station *c*	466	1041
	Cardington *c*	437	1012
	Iberia *O*	573	1148
Muskingum	Zanesville, R. R. depot *W*	136	711
	" river level *W*	121	696
	Putnam *W*	150	725
	Dresden, river level *W*	128	703
	" R. R. depot *i*	162	737
	Norwich *W*	547	1122
	Mt. Sterling *W*	586	1161
	Frazeysburg *i*	178	753
Noble	Caldwell (J. S. Kingsberry)	266	841
Ottawa	Genoa *O*	65	640
Paulding	Antwerp *e*	157	732
Perry	New Lexington *W*	296	871
	Somerset *W*	584	1159
	Straitsville, R. R. depot *W*	221	796
	Summit La Rue's Gap, Shawnee *W*	334	909
	Bristol Tunnel, R. R. grade *W*	390	965
	" " top of hill *W*	502	1077
Pickaway	Circleville	5	580
Pike	Piketon *O*	3	578
	Fort Hill O	710	1285
Portage	Ravenna court house (*g* 260) *W*	565	1140
	" C. & P. R. R. depot *g*	530	1105
	" A. & G. W. R R. depot *a*	520	1095
	" canal level *W*	501	1076
	Kent *a*	474	1049
	Mantua summit *W*	575	1150
	" R. R. depot *aa*	536	1111
	Atwater summit *g*	603	1178
	" R. R. depot *g*	560	1135
	Topographical summit (north) *N*	685	1260
Preble	Eaton *O*	469	1044
	Camden *O*	264	839
	Sonora *O*	401	976
Putnam	Ottawa *l*	155	730
	Columbus Grove *l*	194	769
Richland	Mansfield *a*	581	1156
	" *b*	592	1167
	Shelby *c*	544	1119
	Summit (south-east part of county) *W*	825	1400

ELEVATIONS IN OHIO—Continued.

Counties.	Location, etc.	Height above Lake Erie.	Height above the ocean.
Richland	Ontario (west part of county) *a*	802	1377
	Spring Mills *b*	639	1214
	Richland Village (north part of county) *W*	498	1073
Ross	Chillicothe, canal level *W*	65	640
	Chillicothe, railroa depot *f*	62	637
	Head of Paint creek *W*	250	825
	Londonderry *f*	52	627
	Salt creek *f*	42	617
Sandusky	Fremont *h*	62	637
	Clyde *h*	127	702
Scioto	Portsmouth, below Lake Erie *W*, river level low water, 56	.....	489
	Morses' mill *W*, below Lake Erie, 47	.....	528
Seneca	Tiffin *k*	183	758
Shelby	Sidney *cc*	383	958
	" *l*	428	1003
	Near Sidney, canal level	376	951
	Railroad summit *l*	480	1055
	Anna *l*	445	1020
	Laramie summit *W*	378	953
Stark	Canton *b*	474	1049
	Massillon *b*	392	967
	" canal level *W*	366	941
	Alliance (*g* 516, *W* 501) *b*	524	1099
	Summit, south of Alliance *W*	627	1202
	Wilmot (top of hill) *W*	686	1261
Summit	Akron *a*	430	1005
	Tallmadge *a*	527	1102
	Hudson Station *g*	480	1055
	" Village *W g*	547	1122
	Summit near Akron *W*	600	1175
	" west of Akron *W*	506	1081
	" lake *W*	400	975
	" level Ohio Canal *W*	395	970
Trumbull	Warren *a*	327	902
	" *W*	332	907
	Levittsburg *a*	322	897
	Orangeville, State line *a*	370	945
	Brookfield (summit of hill) *W*	590	1165
	Newton Falls *W*	333	908
	Champion, Mahoning and Grand rivers *W*	343	918
Tuscarawas	New Philadelphia *W* 227, *gg*	331	906
	" canal level *N*	287	862
	Canal Dover *gg*	307	882
	Dennison *i*	282	857
	Urichsville *N* 230, *W* 291 *i*	290	865
	" top of hill *N*	580	1155
	New Comerstown *i*	223	798
	Mt. Tabor *N*	775	1350
	Hill tops north of Port Washington *N*	725	1300

OMPARATIVE ELEVATIONS—Continued.

Feet.	Locality.	Feet.
	WASHINGTON TERRITORY.	
1310	Vancouver	00
0	Fort Vancouver	50
	" Townsend	135
	" Walla Walla	1396
	Cantonment Stevens	3412
	GEORGIA.	
	Mud Creek, Bald Mountain	4705
00		
2074	**MAINE.**	
3402		
4525	Lake Sebago	270
5418	Moosehead lake	1038
6200	Mt. Agamenticus	673
7800	Mt. Katahdin	5200
8075		
	MASSACHUSETTS.	
	Lake Quinsigamond	361
	Mt. Holyoke	1120
	Hoosac Mountain	2510
00	Graylock Mountain	3505
20		
30	**NEW HAMPSHIRE.**	
46		
82	Echo Mountain	3170
123	Carr's "	3450
114	Blue "	4370
262	Mt. Adams	5794
543		
1118	**NEW YORK.**	
2433		
3390	Lake Champaign	101
4700	" Ontario	250
5223	" Mahopac	660
6339	" Henderson	1936
7468	Mt. McIntyre	5183
	TENNESSEE.	
	Cross Knob	5931
	Mt. Collins	6188
8	Mt. Curtis	6568
150		
200	**VERMONT.**	
350		
2000	Equinox Mountain	3872
3300	Mt. Lincoln	4078
4200	Killington Peak	4221

COMPARATIVE TABLE SHOWING THE PRINCIPAL ELEVATIONS OF 1000 FEET AND UPWARDS IN OHIO, ABOVE TIDE WATER, COMPARED WITH ELEVATIONS IN OTHER STATES AND TERRITORIES.*

Counties.	Locality.	Elevation above ocean—feet.
	OHIO.	
Ashland	Polk	1042
Belmont	St. Clairsville	1170
Carroll	Malvern	1001
"	Oneida	1011
Champaign	Urbana	1033
"	Summit in Champaign county	1158
Clinton	Martinsville	1095
Columbiana	Salem	1195
"	Round Knob	1419
"	Yellow Creek Hills	1256
"	Mahoning summit	1202
Coshocton	Near Newcastle	1386
Crawford	Bucyrus	1009
"	Galion	1171
"	Crestline	1176
Cuyahoga	Solon	1032
Darke	Greenville	1055
"	Union City	1107
Geauga	Summit C. and C. rivers	1202
Hardin	" Blanchard's Fork	1064
"	Kenton	1017
"	Summit in Hardin county	1371
Harrison	Cadiz Junction	1093
"	Fairview	1011
"	Tunnel N. 4, P. C. & St. L. railroad	1180
Highland	Hillsboro	1135
Holmes	Top of hills near Millersburg	1235
"	Killbuck summit	1160
Huron	Greenwich	1050
Jefferson	Tunnel No. 3, P. C. & St. L railroad	1066
Knox	Summit of north part of county	1190
"	" Schenck's and Six Mile Run	1295
"	" " and Ball's Run	1235
Lake	Little Mountain	1175
Licking	Summit of hills northwest part of county	1316
"	" " south part of county	1235
"	National road east of Jacktown	1190
"	Jacktown	1075
Logan	Bellefontaine	1118
"	Summit of Great Miami and Scioto rivers	1361
"	Slate hill near Bellefontaine	1550
Mahoning	Canfield	1187
"	Summit Harper's Run	1206
Medina	Wadsworth	1117
Morrow	Iberia	1143
"	Gilead Station	1041
"	Cardington	1012

* The elevations in other States and Territories are from the U. S. Geological Surveys, as collated by Henry Gannet, M. E.

COMPARATIVE ELEVATIONS—Continued.

Locality.	Feet.
UTAH.	
Bonneville (R.R)	4310
Salt Lake City	4320
Weber (R R)	5096
St. Mary's	6200
Evanston (R.R)	6870
NEVADA.	
St. Thomas	1600
Las Vegas	2074
Indian Springs	3402
Reno	4525
Tulasco	5418
Virginia City	6200
Star	7800
San Juan	8075
CALIFORNIA.	
San Francisco	00
Santa Barbara	20
San Diego	30
Stockton	46
Sacramento	82
Oakland	123
San Jose	114
Anaheim	262
Hooker	543
Kingston	1118
Georgetown	2433
Fork Crook	3390
Blue Canon	4700
Eureka	5223
Clifton	6339
Aurora	7468
OREGON.	
Fort Umpqua	8
Portland	150
Oregon City	200
Fort Dallas	350
" Lane	2000
Auburn	3300
Fort Klemeth	4200
WASHINGTON TERRITORY.	
Vancouver	00
Fort Vancouver	50
" Townsend	135
" Walla Walla	1396
Cantonment Stevens	3412
GEORGIA.	
Mud Creek, Bald Mountain	4705
MAINE.	
Lake Sebago	270
Moosehead lake	1038
Mt. Agamenticus	673
Mt. Katahdin	5200
MASSACHUSETTS.	
Lake Quinsigamond	361
Mt. Holyoke	1120
Hoosac Mountain	2510
Graylock Mountain	3505
NEW HAMPSHIRE.	
Echo Mountain	3170
Carr's "	3450
Blue "	4370
Mt. Adams	5794
NEW YORK.	
Lake Champaign	101
" Ontario	250
" Mahopac	660
" Henderson	1936
Mt. McIntyre	5183
TENNESSEE.	
Cross Knob	5931
Mt. Collins	6189
Mt. Curtis	6569
VERMONT.	
Equinox Mountain	3872
Mt. Lincoln	4075
Killington Peak	4221

COMPARATIVE ELEVATIONS—Continued.

Locality.	Feet.
ARKANSAS.	
Camden	123
Little Rock	309
Fayetteville	1350
MISSOURI.	
St. Louis (R.R)	428
St. Joseph	820
Independence	1035
Darley	1627
IOWA.	
Davenport (R.R)	570
Iowa City	626
Sibley	1485
Vaneter's Grove	1500
MINNESOTA.	
St. Paul (R.R)	696
St. Anthony	829
Fort Ridgely	1230
St. Olaff	1335
Hospers	1438
TEXAS.	
Fort Polk	15
Indianola	25
Houston	50
Austin	200
San Antonio	600
Pecos Spring	3098
Fort Stockton	4910
INDIAN TERRITORY.	
Fort Towson	300
Fort Washita	645
Fort Arbuckle	1000
KANSAS.	
Parsons	366
Lawrence (R R)	846
Topeka (R R)	901
Fort Scott	1009
Fort Wallace	3203
Cheyenne Wells	4179
Wild Horse	4340
NEBRASKA.	
Falls City	806
Omaha (R.R)	1060
Nebraska City	1005
Lincoln	1154
Pine Bluff	5064

Locality.	Feet.
DAKOTA.	
Bois des Sioux	1039
Fort Buford	2017
NEW MEXICO.	
Fort Fillmore	3937
San Antonio	6400
Sante Fé	7047
Fort Taos	8000
ARIZONA.	
Aubrey City	398
Fort Mojave	604
Big Canon	1436
Tubac	3000
Fort Buchanan	5330
Fort Canby	6500
Leroux Spring	7370
MONTANA.	
Bighorn City	2831
Fort Benton	2785
Montana City	4191
Virginia City	5824
Fort Shaw	6000
COLORADO.	
Las Animas (R.R)	3957
Canon City	5454
Colorado City	6342
Hot Springs	7725
Breckenridge	9492
Ore City	10,529
Alma	10,863
Montgomery	11,005
WYOMING.	
Boleter	4325
Cheyenne	6075
Deer Creek Agency	5000
Fort Halleck	7200
Sherman	8271
IDAHO.	
Lapway	2000
Salmon City	4030
Fort Hall	4754
Soda Springs	5738
Florence	6000

COMPARATIVE ELEVATIONS—Continued.

Locality.	Feet.
UTAH.	
Bonneville (R.R)	4310
Salt Lake City	4320
Weber (R R)	5096
St. Mary's	6200
Evanston (R.R)	6870
NEVADA.	
St. Thomas	1600
Las Vegas	2074
Indian Springs	3402
Reno	4525
Tulasco	5418
Virginia City	6200
Star	7800
San Juan	8075
CALIFORNIA.	
San Francisco	00
Santa Barbara	20
San Diego	30
Stockton	46
Sacramento	82
Oakland	123
San Jose	114
Anaheim	262
Hooker	543
Kingston	1118
Georgetown	2433
Fork Crook	3390
Blue Canon	4700
Eureka	5223
Clifton	6339
Aurora	7468
OREGON.	
Fort Umpqua	8
Portland	150
Oregon City	200
Fort Dallas	350
" Lane	2000
Auburn	3300
Fort Klemeth	4200
WASHINGTON TERRITORY.	
Vancouver	00
Fort Vancouver	50
" Townsend	135
" Walla Walla	1396
Cantonment Stevens	3412
GEORGIA.	
Mud Creek, Bald Mountain	4705
MAINE.	
Lake Sebago	270
Moosehead lake	1038
Mt. Agamenticus	673
Mt. Katahdin	5200
MASSACHUSETTS.	
Lake Quinsigamond	301
Mt. Holyoke	1120
Hoosac Mountain	2510
Graylock Mountain	3505
NEW HAMPSHIRE.	
Echo Mountain	3170
Carr's "	3450
Blue "	4370
Mt. Adams	5794
NEW YORK.	
Lake Champaign	101
" Ontario	250
" Mahopac	660
" Henderson	1936
Mt. McIntyre	5153
TENNESSEE.	
Cross Knob	5931
Mt. Collins	6188
Mt. Curtis	6563
VERMONT.	
Equinox Mountain	3872
Mt. Lincoln	4079
Killington Peak	4221

REVIEW

OF THE

GEOLOGY OF EASTERN OHIO.

REVIEW OF CERTAIN POINTS IN THE GEOLOGY OF EASTERN OHIO.

BY PROF. EDWARD ORTON.
Ohio State University, Columbus, Ohio.

[Prepared for the Annual Report of the Secretary of State.]

The pages of the annual statistical reports of Ohio have been thrown open of late to contributions treating of various phases of our economical geology. Availing myself of this medium, I propose to set forth, in the present paper, a brief summary of a portion of the geological history of the eastern half of Ohio, in which the mineral wealth of the State is chiefly centered. My principal object will be to trace the stratigraphical order of this district; and, in the second place, I wish to note some of the connections between the geological series of Ohio, Pennsylvania, and Kentucky.

The western half of Ohio consists, for the most part, of limestone strata that were formed in the seas of Lower Silurian, Upper Silurian, and Devonian time. The aggregate thickness of these strata is not less than 1,200 feet, and though differences exist among them by which they can be readily separated into five chief divisions, there is still no reason to believe that any marked change occurred in the character of the seas during the protracted periods in which they were growing. The life which these seas contained was slowly changing from age to age, and differences are indicated in the several strata as to the depth of the water in which they were formed, and as to the conditions under which the sedimentary matter that enters into them was supplied, but no real physical break occurs in the long history.

The northern extension of that early fold of the continent which we call the Cincinnati Axis began to invade Ohio in the later ages of Lower Silurian time. It extended itself slowly through the succeeding periods, until at the end of the Upper Silurian, the dry land of Ohio reached as far north as Champaign county and as far east as the Scioto valley. The Corniferous limestone was deposited in the sea that surrounded this broad and low axis. No more genial conditions of growth are shown by any stratum of the Ohio scale than those which this Devonian limestone attests, but with it the great limestones of the State come to an end. The change from the calcareous beds of this series to the next formation is very abrupt and very marked.

The great black shale, ranging in thickness from 250 feet to 350 f is one of the most conspicuous members of our whole series. It is o in Northern and Central Ohio that it directly overlies the Devon limestone. Further south it covers, by overlap, first, the Lower Hel berg limestone, and then the Niagara limestone, as shown in the Re of Progress Geological Survey of Ohio for 1870, page 285. In Ten see, according to Dr. Newberry (Geology of Ohio, Vol. I, page 95), same shale rests on Lower Silurian limestones. These facts pr that a partial subsidence of the Cincinnati arch took place at this ti which increased to the southward. Outliers of shale attest the prese of the sea in which it was formed, as far west as the middle lin Adams and Highland counties.

The contrast between this formation and the limestone which n underlies it in the scale, is very marked. The limestone is crowded w fossils, the shale is almost destitute of them, but among the few t have been discovered are some of remarkable interest.

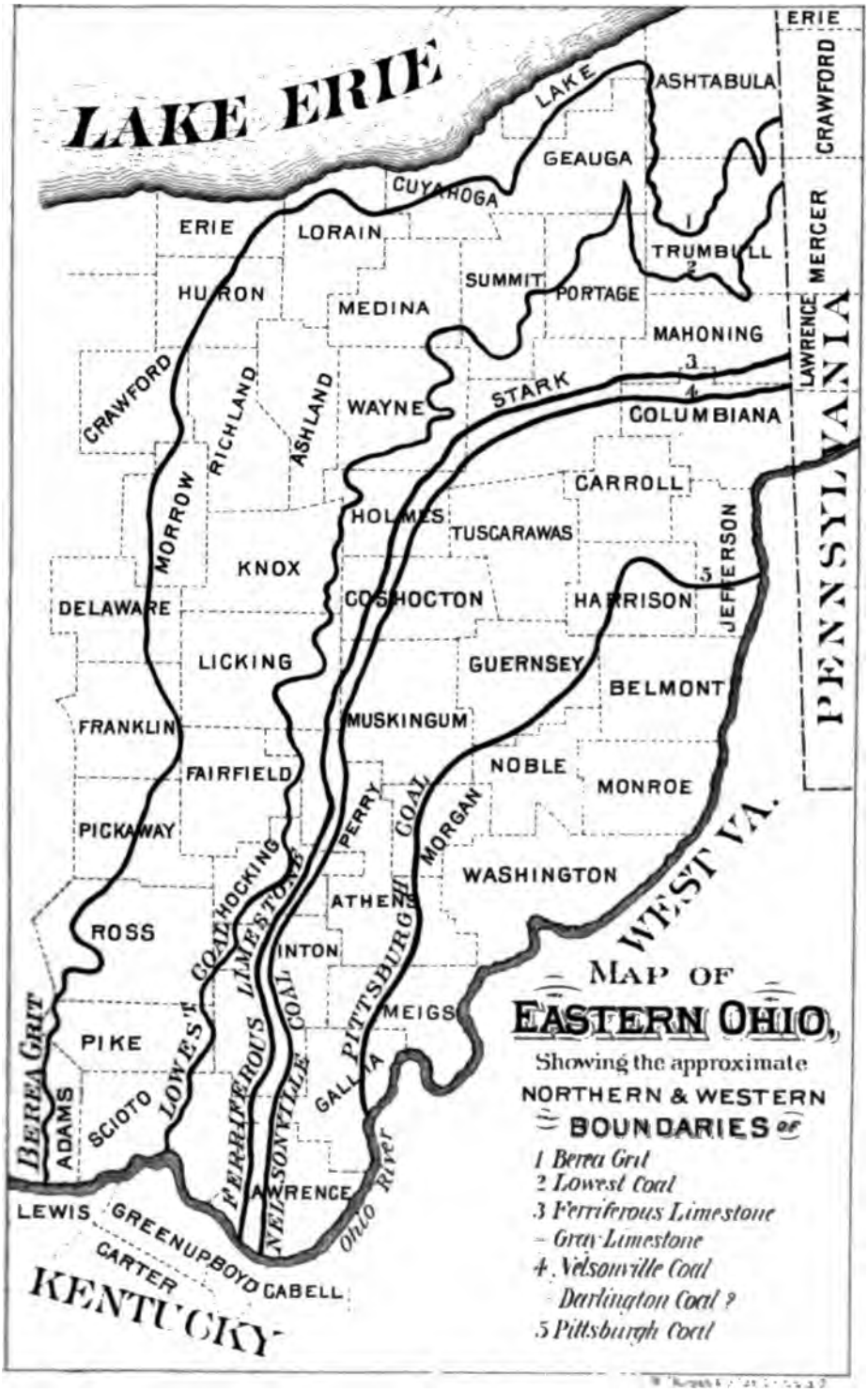
Dr. Newberry has suggested that the conditions of a sargasso sea wc best explain the origin of the black shale. I know no other suggest of equal value in this connection. The older geologists of the State ca this formation the *black slate*. Dr. Newberry substituted the name *Hu shale* for the older term. (Report of Progress, 1869, page 19). It seems to doubtful whether this last name will hold. The Huron shale is mad underlie the *Erie shale*, a mass of green and blue shales, several hund feet thick, outcropping on the south shore of Lake Erie, from A Point to the Pennsylvania line. The Erie shale was counted the las highest formation of Devonian age in the earlier reports of Dr. Newbe but in Vol. III he transfers it to the Sub-Carboniferous formation.

The *Cleveland shale*, also a black shale, overlies the Erie shale. T was made the base of the Waverly or Sub Carboniferous group, in all earlier reports. It varies from twenty feet to sixty feet in thickness Northern Ohio. It is quite well characterized by fossils; conodo abound in it, as well as plates and teeth of ancient sharks. By the err eous reference of the Waverly black shale of Southern Ohio to t horizon, some fossils have been credited to the Cleveland shale wh have no connection with it.

We find, then, in Cuyahoga county and eastward, the following or of strata, according to Newberry:

Cleveland shale	Black.
Erie shale	Green or blue.
Huron shale	Black.

But in Volume I, Geology of Ohio, page 163, we learn that the E shale, when followed westward, "rapidly thins out and is lost sight


LAKE ERIE
LAKE
ERIE
CRAWFORD
ASHTABULA
GEAUGA
CUYAHOGA
ERIE
LORAIN
TRUMBULL
MERCER
SUMMIT
PORTAGE
HURON
MEDINA
MAHONING
LAWRENCE
CRAWFORD
RICHLAND
ASHLAND
WAYNE
STARK
COLUMBIANA
MORROW
CARROLL
HOLMES
TUSCARAWAS
JEFFERSON
KNOX
COSHOCTON
HARRISON
DELAWARE
LICKING
GUERNSEY
BELMONT
FRANKLIN
MUSKINGUM
FAIRFIELD
NOBLE
MONROE
PICKAWAY
PERRY
COAL
MORGAN
WASHINGTON
HOCKING
ATHENS
ROSS
VINTON
MEIGS
BEREA GRIT
PIKE
LOWEST COAL
FERRIFEROUS LIMESTONE
NELSONVILLE COAL
PITTSBURGH COAL
GALLIA
SCIOTO
ADAMS
LAWRENCE
Ohio River
LEWIS
GREENUP
BOYD
CARTER
CABELL
KENTUCKY
WEST VA.
PENNSYLVANIA
MAP OF
EASTERN OHIO,
Showing the approximate
NORTHERN & WESTERN
BOUNDARIES OF
1 Berea Grit
2 Lowest Coal
3 Ferriferous Limestone
– Gray Limestone
4 Nelsonville Coal
Darlington Coal ?
5 Pittsburgh Coal

south and west of Vermilion river." Again, on page 165, we read that "on the banks of the Vermilion River, in Huron county, the Cleveland shale seems to come directly down on the Huron, and the Erie shale has apparently disappeared." In other words, the black shale at that point consists of two members, the Huron and the Cleveland; and it covers three divisions of geological time, the Erie shale being due in the interval between the two black shales named above. This double formation, the Cleveland-Huron shale, is separated from the Berea grit by forty to sixty feet of *Bedford shale*, a well-defined stratum, red or blue in color and fine grained in composition, sharply contrasted with the black shale below it and the solid wall of sandstone that covers it.

This compound stratum, the Cleveland-Huron shale, I believe it to be, which is followed southward through the State as the great black shale. The grounds for this belief are as follows: In the first place, the same general order described above, viz:

Sandstone ..... Berea grit.
Soapstone or shale, red or blue, ... Bedford shale.
Shale, black, ... Cleveland shale.

is found in all the sections to the southward in which the proper horizons are exposed. In other words, the section *appears* to be maintained without change. I know of no fact, nor any statement of any fact, that tends to prove the disappearance of any part of the black shale of the lake shore as it is followed southward. In the second place, the top of the great black shale of Central Ohio contains the fossils of the Cleveland shale. In it are found conodonts, and the lozenge shaped plates of small ganoid fishes of the genus Paleoniscus, both of which are quite characteristic of the Cleveland shale in Northern Ohio, and also the teeth of small sharks. A good point at which to examine these facts is at Central College, Franklin county. In the bold bluff of Big Walnut at this point, which is known as Lee's Hill, a section of about seventy feet is shown, including fifteen feet of the great black shale, the upper layers of which are charged with the fossils named above. About forty feet of the Bedford shale is shown directly above the black shale, twenty feet of which are chocolate brown and the rest blue, while ten or fifteen feet of the Berea grit complete the section.

It is also proper to say that thin beds of greenish blue shale, lithologically agreeing with the Erie shale, are intercalated in the black shale, at least in Franklin county. Some of these beds can be seen near Columbus, in the first ravine north of the city boundary on High street. They are, certainly, not far from the place belonging to the Erie shale.

If the true interpretation of the facts is given in these statements, it apparent that the Cleveland shale, and the Erie shale as well, make very inconvenient boundary between Devonian and Carboniferous tim This boundary would be found at an uncertain depth below the summ of the black shale, and there would seem to be no possibility of sayi more than this, that the bottom of the black shale is Devonian and t top Carboniferous. But inasmuch as the fossils upon which the referen of the Cleveland shale to the Carboniferous mainly rests (Geology Ohio. Vol. II, page 94), do not come from this formation at all, but fr the Waverly black shale of Southern Ohio, which lies one hundred a twenty-five feet to one hundred and fifty feet higher in the scale, it is to hoped that the great black shale will be left undivided in the Devoni series. If there is confusion in regard to the name, we can revert to t old designation, viz: Black shale, or we can adopt the name applied the formation in Kentucky, by Professor Shaler, of the recent geol ical survey, viz., Ohio shale. On the whole, this last designation see most appropriate.

The Bedford shale, which directly overlies the black shale, can followed across the State from the north to south with perfect distin ness. It ranges in thickness from ten to ninety feet. Prof. Read spea of its disappearing altogether, occasionally, in Huron county, when t overlaying Berea is very well developed, but inasmuch as the strata a greatly disturbed there by glacial agencies, it may perhaps be that t sections in which this appearance exists are not normal.

In a section below Black Lick, in Franklin county, on the farm of Compton, the shales are reduced to 10 feet, but this is the smalle measure I have ever found. The largest measure that I have obtain is from Pike county, at Jasper, and in the immediate vicinity, where feet intervene between the black shale and the Berea grit.

This stratum, it will be remembered, is red in spots throughout Nort ern Ohio. It holds this peculiarity all through the State. The chara teristic red color is shown at Harlem, Delaware county, as noted by Ne berry (Vol. II, page 97). The same red band appears with even great distinctness at Central College, Franklin county. It is also shown Taylor's Station, on the Central Ohio Railroad. It is found again in Pik county, and is shown in the Piketon section described in Vol. II, Geo ogy of Ohio, page 620. In the counties of Southern Ohio, covered by m reports, the Bedford shale was termed the Waverly shale, the true co nection of the series not being recognized at the date of these report The Bedford shale holds thin courses of sandstone throughout its whol extent. These courses increase somewhat in quantity as we approac

the Ohio River, but nowhere to such an extent as to make the term *shale* inapplicable to the series.

The *Berea grit* of Newberry, which immediately succeeds the Bedford shale, is one of the most marked horizons of Ohio geology. It has a line of outcrop nearly twice as long as any other stratum of the State, and can be followed with as much certainty and distinctness from Lake Erie to the Ohio River as even the great black shale that underlies it. The same geological relations that make it so easy to be recognized and followed in Northern Ohio, serve to identify it in every county to the southward. On the shore of Lake Erie it is the first sandstone that is reached in ascending the geological column of the State. It is also a firm and enduring stratum, enclosed between two beds of easily weathered shale. To facilitate the recognition, and to make the identification more certain, these beds of shale are well marked and contrasted in color, the lower bed being often red and the upper one being black or dark gray. To these marks one other is to be added, viz., the upper or black shale stratum is charged with characteristic fossils. All of these statements apply to the stratum as it is followed southward. The fact that it is the first sandstone reached in the geological scale of the State, combined with the fact that it almost everywhere yields building stone of high quality, leads to the development of this horizon in an easily connected line of quarries across the State. I repeat, then, that the Berea grit can be followed, with unmistakable distinctness, from the lake to the river. I announced this conclusion in a brief paper, published in the statistical report of last year, but finding that it was not accepted by all who are working on the geology of the State, I spent several weeks, last summer, in a careful and connected survey of the disputed interval. As a result of this work, I was enabled to carry across the interval a section embracing four strata, of which, undoubted and unquestioned, Berea grit was one, and to demonstrate by a series of sections that no geologists will dispute, that the Berea grit was bodily continuous with the Waverly quarry courses of Pike county. Three of the strata involved have been already named. A fourth has been referred to, but not formally described. It is the *Waverly black shale* of Prof. Andrews, or to adopt the simpler name used by Meek, the *Berea shale* (Paleontology of Ohio, Vol. II, plate XIV.) It is a thin but wonderfully persistent member of our geological series. It has rendered invaluable service in reducing our Waverly series to order and so to harmony. Dr. Newberry recognized it distinctly, and describes it as it occurs in Northern Ohio, but he did not find it necessary to separate it from the great deposit that overlies it—the Cuyahoga shale. He counted it the base of this last named formation. On page 88, Vol. II,

Geology of Ohio, he speaks of it as follows: "In the northern and ea: ern portions of the State the base of the Cuyahoga shale is formed by thin, finely laminated, dark gray, sometimes black, shale full of *Lingu* and *Discinae*. This bed is exposed at a great number of localities, which Berea and Chagrin Falls, in Cuyahoga, and Warren, in Trumbu county, may be cited as examples. At all these places this stratum res directly upon the next succeeding member of the series, the Berea gri crowded with its characteristic mollusks, and with the bones, teet scales, and spines of fishes." In Southern Ohio, however, it is separat so sharply, both by its lithology and its fossils, from the beds that overl it, as well as from the sandstone ledge that it covers, that no questic can be raised as to its deserving a distinct and definite place in o stratigraphy. Among the described or recognized fossils that it contai: are the following, viz.: *Lingula melie, Discina Newberryi, Ctenacanth formosus, Ctenacanthus furcicarinatus, Cladodus Pattersoni, Orodus variabil Palæoniscus, Conodonts.*

The last named forms, Conodonts, it holds in common with the Clev land shale, that lies 125 to 150 feet below it. They are equally abundai in both strata. The first three fossils in the list come from the norther exposures, and are found all through the State. The remainder a: credited to Southern Ohio. These species of *Lingula* and *Discina* a: often spoken of as belonging to the Cleveland shale, it is true, but, so fa as I can learn, they do not belong to the Cleveland shale at the nort and they were referred to it only because of its mistaken identificatio with the Berea shale; but there are many fossils in the Waverly syste that have a much greater range than these would require, to be found i both horizons. The Berea shale makes the fourth stratum in the sectio which I followed in establishing the continuity claimed above betwee the Berea grit and the Lower Waverly quarry courses. The four a shown in their order in the following list:

4. Berea shale.
3. Berea grit.
2. Bedford shale.
1. Great black shale.

The fourth of this series, or the Berea shale, is the hardest to hold. The glacial denudation that the country has suffered has swept away all cover, in most instances, from the westermost outcrops of the Berea grit, and these outcrops are always the boldest and plainest. To find this black Berea shale, then, we are obliged to trace the series as far to the eastward as it can be followed. The remaining three elements can be

read and known of all men. I will name a few of the sections which I count conclusive in establishing the order here recognized.

1. The Leesville quarries, of Crawford county, are, undoubted and unquestioned, Berea grit. At least Professor Winchell's reference of them to this horizon has never been questioned to my knowledge, and Professor Read assigns the Sisinger quarry, of northwestern Richland county, to the Berea as an indisputable fact. The latter can be connected with the Leesville quarries without any obscurity or doubt. The Leesville quarries are underlain by the blue Bedford shales, which are exposed in the bed of the stream below, and immediately to the westward the black shale is struck. The Berea shale is not seen at Leesville, but careful search revealed the fact that numerous wells and borings at Crestline, three miles to the eastward, had penetrated it, in its proper place and thickness. The Berea grit attains great excellence at Leesville, or, as I might better say, retains much of its original excellence.

The Galion section is equally satisfactory. All four elements are shown with unmistakable clearness in the branches of the Olentangy that drain this region. Beginning at John Flowers's quarry, three miles southeast of Galion, the Berea grit is found, in a stone of unusual strength and tenacity, which is directly overlain by the Berea shale—black—and crowded with its characteristic fossils. Descending the stream, and crossing the C., C. C. & I. R. R. track, we reach the noble quarries of Asa Hosford, in the Berea grit, below which the blue shale of the Bedford series comes in, and everywhere to the westward the presence of the black shale is attested.

3. The next section can be taken near Iberia, in Morrow county. Just below the village there is an excellent exposure of the Bedford, 30 feet in thickness. It is overlain by a ledge of the Berea grit, which is worked extensively for local use. The quarries of this vicinity, and notably that of Wm. Sharrock, yield the finest natural flagging of Ohio. Following up the stream, a branch of the Olentangy, past Sharrock's quarry to the railroad, we find a fine exposure of the Berea shale. The great black shale is found everywhere to the westward.

4. Mt. Gilead repeats this section, with the exception of the Berea shale, which has not been found very near to the town.

5. Passing by a number of quarries that agree in every element with those that are left behind, we come to the great quarries of Sunbury and vicinity. Here the whole section is unsurpassed in clearness and value. One element of the four, namely: the Berea shale was long wanting here, but it was discovered by Prof. Hicks, of Granville, and reported in the American Journal of Science more than two years ago. I might say it

was rediscovered, for I afterwards found, in the State cabinet, a specim of Berea shale, with characteristic fossils, taken from the same local by Rev. H. Herzer in 1869.

6. The sections in Franklin county, furnished by Big Walnut and tributaries, have been already named. All the elements of our gene section appear here in unequivocal exposures. Beginning at Eal mills, in Plain township, on the Rocky Fork of Big Walnut, we find unsurpassed exposure of Berea shale. At no point along its line of o crop is a greater wealth of fossils shown than here. It covers the Be grit with a boundary as distinct as a chalk line on a black board. T stream is walled with the Berea grit for some distance below the mil not less than forty feet constituting the stratum here. The Bedford sh is more obscure, but its presence is recognizable in its proper place; wh near Gahanna, the great black shale is brought to view in a section o few feet.

The section at Lee's Hill, near Central College, lacks the Berea sha but the three remaining elements are very distinctly shown. The sa thing may be said of the sections at Taylor's Station and at Black Li The Berea grit has an exposed thickness of fifty feet at the latter poi and still the Berea shale is not reached. But the Lower Waverly sto of Pike county, the original stratum from which the formation took name, has been traced without a break to these quarries, and it has be found to constitute the sandstone ledge which is here worked. In oth words, the Lower Waverly stone and the Berea grit meet at this poi in the same stratum and the two are found to be one. In my report Franklin county (Vol. III, 642), I denied the name Berea grit to th stratum which Prof. Winchell had followed clearly and correctly from t lake shore southward through Delaware county, on the ground that was the Lower Waverly stone. The error of counting the Clevela shale to be the Waverly black shale had not yet been recognized, a the Berea grit was therefor only to be looked for above this bed of shal but the result has shown that both determinations were right.

The Berea grit, as has been shown, is always roofed with this thin b wonderfully persistent deposit. It is a bed of *Discinas*, *Lingulas* and fi remains throughout the State. As far as this guide to the order is foun so far we can rely upon the order. There seems to be no uncertainty i the identification of the Berea shale as far east as the vally of the Mahoi ing, near Warren, but I have not identified any of the members of thi series, by my own observations, beyond Cuyahoga county.

In coming southward from this point, there is no more geologica possibility of following the Berea grit into the Waverly conglomerate

Central Ohio than there is of running it into the Mahoning sandstone. The interval in the last instance would be greater, but the violation of geological sequence would not be more flagrant.

The qualification that I have just made, as to northeastern Ohio, must apply to the outline of the Berea grit which is given on the map that accompanies this report. I make use of statements drawn mainly from Prof. M. C. Read's reports as to the eastward extension of the Berea grit.

A very marked change in the geography of Ohio took place during the Bedford and Berea epochs. The western half of the State was mainly converted into dry land by the great extension of the Cincinnati axis, and both of the formations named above are *shore deposits*. They carry the proofs of this origin in unmistakable characters. They are ripple marked from end of the State to the other, and mud casts and worm burrows abound, especially in the Bedford shale.

The boundary of the Berea grit marks the margin of that ancient arm of the sea in which and around which, as it was slowly contracted, the mineral wealth of the State was chiefly accumulated. From this area the sea was gradually expelled by the depositions of sediments washed from adjacent lands and especially by the slow and steady rise of its immediate boundaries. The Cincinnati axis extends from southwest to northeast. The dip of the deposits formed within this sea, so far as it depends on the rise of this land, would be at right angles to the axis, or, in other words, to the south of east in Central and Southern Ohio, and, as is well known, this is the uniform direction. The same gradual rise of the land to the northward will explain the southerly dip that is reported in Northeastern Ohio and the adjacent parts of Pennsylvania.

The rise of land to the northward could not, however, have yet effected the complete separation of Southern Michigan from Eastern Ohio, for there seems to be substantial agreement in the geological scales of these districts, as will be noted on a succeeding page.

Up to this point, the structure of the State is plain and unambiguous. The order here stated for the Ohio shale, the Bedford Shale, the Berea grit, and the Berea shale is certain. Whoever treats of the Waverly formation of Ohio must accept this order or else be involved in the confusions and contradictions of a false arrangement.

Another stratum can be added to the list already given, that extends in unbroken continuity from north to south across the State. It ranges between two hundred feet and four hundred feet in thickness, and is constant in lithological characters through at least nine-tenths of its extent. It is characteristically a blue or gray clay shale, with layers of fine grained sandstone scattered irregularly through it. It also holds a great number of flattened concretions of sandy iron-stone, often with

white clay centers. It is generally poor in animal fossils, but there are few horizons, apparently quite definite ones, in which the ordinary Waverly mollusks are found in great numbers and excellence. This especially true of the upper beds. The fossils sometimes occur in concretions of iron ore. Fucoids abound throughout the formation, several forms of spirophyton being very common. Sometimes beds two or three feet thick are filled with these forms.

The beds of sandstone increase in number and in volume to the southward, but the shale always out-measures them, at least, eight to one unless an exception is found on the Ohio River. These solid courses often become very valuable building stones. The most notable quarries in Southern Ohio, viz., the Rockville and Buena Vista quarries, occur just above the Berea shale. The Lithopolis stone of Fairfield county, the Brown Waverly stone of Pike and Ross counties, and the Portsmouth and the Inskip quarries, all belong, approximately, to this horizon.

The formation that I am describing, constitutes a part, at least, and certainly the most characteristic part, of the *Cuyahoga shale* of Dr. Newberry, who makes the limits of this formation the Berea grit below, and the Carboniferous conglomerate above. I have already shown that the dark shale overlying the Berea grit acquires a right in Southern Ohio to a distinct name in our series, and it is plain that it must retain this name as far as it can be traced. A few feet must, therefore, be taken from the base of the Cuyahoga in Northern Ohio for this element.

In Geology of Ohio, Vol. II, page 87, Dr. Newberry describes this Cuyahoga division as "a gray, argillaceous shale, with thin, interpolated bands of bluish fine-grained sandstone," the whole ranging in thickness from 150 to 250 feet. A formation of just this character, but increasing somewhat in thickness to the southward, as has been already stated, can be followed entirely across the State. If it is asked why it is not identified confidently and absolutely with the Cuyahoga shale of Northern Ohio, the answer is that its upper boundary is different from that assigned to the Cuyahoga shale by Newberry. In Central and Southern Ohio, it is overlain by a mass of conglomerate and sandstone, which are known to be of *Sub-Carboniferous* age, while in Northern Ohio, the conglomerate that covers it is pronounced to be of *Carboniferous* age. A series of deposits, conglomerates, sandstones, shales, with a maximum thickness of not less than 300 feet, must be added to the Cuyahoga shale in Central and Southern Ohio, if Dr. Newberry's limits are observed. Where the Cuyahoga shale expands to take in these new elements, has not yet been shown.

I desire to call distinct attention to the sections given in the several counties in which this element has been reported upon.

Beginning in Cuyahoga county, we find in the valley of Rocky river, just above Berea, a blue shale overlying the Berea shale, which in turn covers the Berea grit. It can be followed in almost continuous exposures from this point to Strong's Hill, three miles due east, where it terminates in a highly fossiliferous, concretionary layer, which is directly overlain by 100 feet of conglomerate, identified by Newberry with the conglomerate of Eastern Ohio, which is the Sharon conglomerate of Pennsylvania. I suppose the stratum to have a thickness of about 200 feet at this point. A little larger measure, viz., 250 feet, is assigned to it in Ashland county by Dr. Newberry (Vol. II, page 87), and in Medina county by Mr. A. W. Wheat (Vol. III, page 363).

In Richland county, Prof. Read reports 300 feet of shales with bands of flaggy sandstone, between the Berea grit and the Waverly conglomerate (Vol. III, page 316). This stratum has the same position and the same composition that belongs to the belt with which we started, and what is of more consequence, it can be followed by frequent exposures, and not less by the topography of the intervening country, through the entire interval. In other words, there is in Richland county, according to Prof. Read, 300 feet of shale that exactly corresponds in lithology, at least, with the 250 feet that overlies the Berea grit in Cuyahoga county.

In Morrow county the whole thickness is not reached, but Prof. Winchell estimates that the part of the formation belonging here is about 150 feet (Vol. II, page 256).

In Licking county, Prof. L. E. Hicks, of Granville, has recognized and described this belt very clearly (See Amer. Journ. of Sc. and Arts, Sept., 1878, page 216). His description is all the more valuable because it was made without reference to the geology of other counties, and with no theories as to the connections of this stratum either north or south. He names the stratum the "Raccoon Shales," and describes it in these words: "It is composed of blue and gray shales, full of concretionary masses of iron ore * * *" He estimates its thickness at 300 feet.

In Fairfield county, a good section is to be found at Lithopolis. The section is shorter here than at any other point along the line—190 feet completing the interval between the Berea shale and the coarse sandstone that holds the hill tops. The composition of the series is changed somewhat at this point, also, the freestone layers being more numerous and heavier, though still the shales constitute the chief portion. A few fossils are here found in the shales, and also in the solid courses.

The same measure is found in the northern part of Pickaway county, but in Ross county the section becomes normal again in character, and

increases somewhat in thickness. I described it in Vol. II, pages 628 *et seq*, and 650 *et seq.*, as it occurs in Ross and Pickaway counties. The whole thickness of the stratum in this region ranges from 325 to 400 feet.

In the lowermost portion there are usually found valuable beds of freestone. This is the horizon of the Bueha Vista, Portsmouth, and Rockville stone, as has been already stated, and also of the Higbee quarries, and of the Waverly brown stone. The freestone courses are not, however, constant, but their place is often held by shales, clays, and concretionary layers. A fact that stands by itself is to be noted in the geology of the counties last named—a bed of coarse conglomerate occurs at a few points in this stratum of shale, at an elevation of about 75 feet above the Berea shale. In my report I suggested that it was the equivalent of the massive conglomerate of Hocking county, which Prof. Andrews had recently described, but this suggestion was made without a knowledge of the series to the northward, and it is found to be entirely inadmissible. This seam has no connection whatever with the great conglomerate stratum to the eastward, which lies more than 300 feet higher in the series. My report on these counties was written, as has been stated above, before the connections of our series had been traced, and while a false order was accepted in regard to the Berea grit and its associated strata. The disadvantages arising from this isolation are obvious, but compensation is found to a small extent in the independent and uncolored observations that are thus secured. I described the 300 feet lying above this conglomerate seam as made up "of beds of shale, holding great quantities of flattish concretions, which contain a clayey center, covered with a thin blossom of iron ore." (Vol. II, page 651) It will be seen that this accords very closely with Prof. Hicks's *Raccoon shales* and Prof. Newberry's *Cuyahoga shale.*

The general section is excellently shown in Mt. Logan, opposite Chillicothe. The Berea shale appears very distinctly about 100 feet above the river-bed, and is overlain by somewhat more than 300 feet of these shaly beds already described. Sections can be obtained on the several sides of the hill which take account of almost every foot of the ascent.

The same state of facts is found through Scioto county. At Lucasville the Berea shale lies in the interval between the river level and the railroad grade, and above this the shaly series already described is found. It is shown again in the steep hill that overhangs the Scioto Valley Railroad, two miles above Portsmouth, on the Cole farm. In both these cases it measures at least 350 feet.

I assert, then, in positive and unambiguous terms, that a stratum con-

sisting chiefly of clay shale, varying in thickness from 200 to 400 feet, can be traced bodily from the lake to the Ohio valley. I do not assert it to be the Cuyahoga shale entire and simple, because it does not fill the limits assigned to the latter formation on the lake shore, but it agrees with it as there shown, so closely in lithology and measurements and apparent order, that it is hard to resist the conviction that it is the sole and full representative of that stratum. Such a conclusion would, however, necessitate the identification of the Northern Ohio conglomerate, in whole or in part, with the Waverly conglomerate—a result that I have recently claimed to be established on the explicit declaration of Prof. J. P. Lesley that the fossils of the Cuyahoga shale are sometimes found above the Sharon conglomerate. (See report on Lawrence county, Pa., etc., page XXXV.) I understand, however, that Prof. White, who gathered the facts from which Professor Lesley drew his conclusion, does not accept the interpretation there put upon them. I will return to this subject on a succeeding page.

It will certainly be safe to designate this shaly stratum the (*Lower*) *Cuyahoga*. It covers the larger and the characteristic portion of the Cuyahoga shale of Newberry, as seen in Northern Ohio at all events.

It thickens quite rapidly to the eastward, toward the center of the trough, as has been shown by various deep borings beyond the western line of outcrop. Prof. Read gives the records of several Knox county wells (Vol. III., page 341), which support the statement. Two wells drilled at Bloomingville, Hocking county, afford very clear and intelligible sections. The record was kindly furnished by David H. Strous, of Laurelville, Ohio. I satisfied myself that the record was kept with care and accuracy as to measurement.

The first well was begun about fifty feet below the summit of the (Lower) Cuyahoga shales, which is a definite horizon here. The series below this is as follows, the identifications of the several strata being made on my own authority:

13 feet,	slate	Lower Cuyahoga shale, 445 feet.
10 "	gray sandstone	
50 "	soap-stone	
18 "	soap-stone and sandstone	
59 "	soap-stone	
32 "	rock	
1 foot,	sandstone	
127 feet,	white sand-rock	
6 "	soap-stone	
15 "	white sand-rock	
48 "	soap-stone	
64 "	gray sand-rock	
11 "	soap-stone	

39 feet,	black shale		Berea shale.
35 "	oil and salt-rock		Berea grit.
12 "	soap-stone	}	Bedford shale.
81 "	red soap-stone	}	
16 "	soap-stone	}	
3 "	black slate		Cleveland, etc., shale.

We find here more than 500 feet in this Cuyahoga series, and about 700 feet between the Berea shale and the lowest coal. A larger measure is assigned to sand-rock in the record than is found at any point upon the outcrop. Sandy shales may be confounded with sand-rock in such borings, and this is, perhaps, the explanation here.

The second well gives in all essentials the same record.

We have now traced four strata of the Waverly group continuously across the State, from north to south. They are named as follows:

Cuyahoga shale (Lower).	
Berea shale.	Waverly black shale.
Berea grit.	Lower Waverly quarries.
Bedford shale.	Waverly shale.

We reach a fifth division, protean in composition and somewhat changeable in volume—a division which has been worked out with less success than any other general element of our geology. I will designate it in these pages as the *Logan group*. It embraces the *Waverly conglomerate* and the *Logan sandstone* of Professor Andrews (Report of Progress, 1869, page 79). For the same elements, Professor Read uses the terms *Waverly conglomerate* and *Olive shales* (Vol. III., pages 320, 337, 353, *et al*). Professor Hicks, in the article already referred to, applies to the series now under consideration, the terms *Black Hand conglomerate and Granville beds*, and *Licking shales* (Amer. Jour. of Science and Arts, Sept., 1878). It has also been very often referred to the Cuyahoga shale, to which Dr. Newberry's classification assigns it. If it is asked why such distinct elements as conglomerate and shale are placed in one series, the answer is that neither element is constant; that where one is expanded, the other is reduced, so that comparative equality of measurements is maintained, and, finally, that the two elements are held together by common fossils.

As to the thickness of the division, the various statements above referred to do not furnish full information. Professor Andrews gives no connected section that includes the Waverly conglomerate, but he seems to recognize a thickness of several hundred feet for it. To the Logan sandstone, in its typical locality, viz, Logan, Hocking county, he assigns a thickness of 133½ feet. This measurement for this locality must, however, be called in question.

Professor Read gives the maximum thickness of the Waverly conglomerate in Richland county as 190 feet, and of the Olive shales as 250 feet; but from the diagram introduced, I conclude that he makes the maximum thickness of the *group* to be 350 feet. He makes the range in Knox county between 250 and 350 feet.

Professor Hicks considers the lower portion to be about 90 feet thick in Licking county, and the Licking shales to range from 100 to 150 feet.

My own observations show that in Southern Ohio a series of beds, quite varied in composition, and ranging in thickness from 150 feet to 250 feet completes the Waverly system. It is this series to which I apply the name Logan group. Its more striking elements have been already named, and can be better seen in tabular form:

Logan Group. { Logan sandstone. Olive shales. Licking shales.
Waverly conglomerate. Black Hand conglomerate.

It is to be noted, however, that the Logan group does not always contain conglomerate. On the Ohio River, the series is very well marked and very distinctly shown, but not a pebble is to be found in it. It is a bold and well-defined cliff-rock, however, in this region. It is seen to excellent advantage in the river hills at Portsmouth and at Sciotoville.

The Logan group has for its lower boundary, the summit of the (Lower) Cuyahoga shales, last described. Its upper limit is found in a well-marked horizon of coal, fire clay, iron ore, limestone, and flint—one or more of which is quite certain to be found in every section, at least from the Hocking valley southward. This is the horizon of the subcarboniferous limestone, or the Maxville limestone of Professor Andrews.

It is impossible to furnish any type section of the group, for no two counties agree, but it will serve our purposes to enumerate some of the leading elements.

(1.) The most conspicuous element is the massive conglomerate of Hocking and Fairfield counties, which sometimes attains a thickness of 200 feet in a single section and thus nearly fills the whole interval belonging to the group. It is here a coarse conglomerate—not to be distinguished in any way from characteristic coal measure conglomerate. The composition being the same, the topography and vegetation covering the formations, as might be expected, are the same in both cases. It has been asserted that coal plants do not occur in Waverly conglomerate, but this is an error. I have seen good coal plants, lepidodendrons and sigillarids, imbedded in this rock, near Bloomingville, Hocking county, and in Jackson township of Pike county, the lower conglomerate of which I am disposed to refer to this group.

"Huge lepidodendra" are also reported as associated with Waverly fossils in strata of the same general age in western Pennsylvania, (see Second Geological Survey of Pennsylvania, page 224).

(2.) A second element, and one much more distinctively characteristic of the group than the first, is a conglomerate series that is charged with marine fossils, viz: with the usual forms of the Waverly fauna. The pebbles of this conglomerate are generally quite small and even in size They sometimes occur in layers that vary from an inch to several feet in thickness, the associated beds often being fine grained, but sometimes the pebbles are strewn through the fine rock. Prof. Andrews noticed this fossiliferous character of the conglomerate series (Report, 1869, page 80), and Prof. Hicks, in the article before refered to, brings it more distinctly into view. Fossils sometimes occur among even the coarser pebbles. Facoids of the spirophyton group abound in portions of the series and also the forms designated by Prof. Andrews as "vermicular markings," but both of these are equally abundant in the shale stratum below, viz: the (Lower) Cuyahoga.

(3.) A third phase of the group agrees exactly with the finer beds of the last series, except that pebbles are absent altogether. This is the Logan sandstone of Prof. Andrews. He describes it as "a group of comparatively fine-grained, buff-colored sandstones," containing numerous animal and vegetable fossils. (Report of 1869, page 79.) It is often a fawn-colored stratum—its fossils being shown in ochreous casts.

(4.) Still another phase is shown near the Ohio River. The rock here is middling in grain, some grindstone grit being included in the series. Fossils are rare, aside from the worm burrows and fucoids already named, except at a few quite definite and persistent horizons.

(5.) The shales of the series have a considerable range as to composition, character and thickness. They seem to be always most developed to the eastward through Central Ohio, the coarser materials being gathered along the old shore lines. This Logan group constitutes the second well defined shore line that we find for the narrowing and receding sea of Sub-carboniferous time, the Berea grit being the first.

These several elements enumerated above are variously combined in the different districts in which the group occurs, and, therefore, no typical section can be given. More than this, it is held by Newberry, Andrews, Read and Roy that the Upper Waverly was exposed as a land surface and deeply eroded before being covered with the Coal Measure deposits, and that, therefore, these two series are unconformable. The erosion and unconformability which I have seen, and my examinations

have been chiefly confined to Southern Ohio, seem to me to be all included in the Waverly group—the conglomerate that comes down so abruptly into the finer-grained fossiliferous rock of the Logan group, in Jackson county, for example, belonging as I believe to the same age.

The fact that there is such great steadiness and regularity in the strata below this group, as I have already shown, and such wonderful regularity in the Lower Coal Measures that overlie it, as all the geologists who have worked upon them, whether in Pennsylvania, Ohio, or Kentucky, invariably testify, taken with the fact that there is in every portion of the field which I have examined, a comparative equality of measurements for this group itself, in spite of the varied character of its different sections. These things have made it difficult for me to believe in the complete loss of regularity which the erosion and unconformability claimed would necessarily produce. While questioning the explanation of the facts that have been given, I confess that I am not able at this time to give any account of all the points involved that is entirely satisfactory even to myself.

The conglomeratic phase of the Logan group is first found in going northward from the Ohio River on the old Harrison Furnace lands. On the north-east corner of Section 9, Harrison township, six feet of the fine pebbles so characteristic of the group are found. This locality was pointed out to me by D. R. Somers, to whom I am under obligation for many facts in regard to the local geology of that part of Scioto county.

The conglomerate strengthens to the east and north. It is well developed in portions of Pike county. The finest sections may be said to overhang the Scioto River, the conglomerate making the eastern wall of the valley for a number of miles near the northern line of the county. I referred it erroneously to the Carboniferous conglomerate in my report on the county, Vol. II, page 660. In Ross county the formation is well shown in Mt. Logan, opposite Chillicothe. Not less than 100 feet of the Logan group, containing conglomerate streaks and the usual fossils, are shown here. In Sugar Loaf Mountain, east of Kinnkinnick Station, the same section is found. A thin bed of impure, non-fossiliferous limestone is quite a constant element in this region. The limestone and the seams of conglomerate received no mention in my report of Ross county (Vol. II), but the latter feature becomes very important in keeping the connections of the series. A very satisfactory group of sections can be taken in going east from Sugar Loaf, through Jobe's Knob and the Adelphi Hills, to Salt Creek. The Logan group assumes in this last locality its most marked phase, viz., the massive conglomerate already described. It is unnecessary to follow the series through Central Ohio, as quite full

accounts have been given of it in the various reports already quoted. In Northern Ohio, however, there is real difficulty in reconciling the sections given with those found immediately to the southward, as has been already intimated. The maximum thickness of the conglomerate called Carboniferous is, in this district, 175 feet (Report of 1870, page 467). The order of the scale would, apparently, be increased by finding in the lower portions of this 175 feet the equivalent of our Logan group. There is, in any case, a considerable reduction of the series in Northern Ohio, but if the interpretation of the facts thus far given for this district is the true one, there is here a much more rapid contraction of the series than is shown in any other point in the State.

Before leaving the Waverly group I will indicate what seems to be the equivalent of its several Ohio constituents in adjoining States, from the best information that I have been able to gain.

The Berea grit has not been described in any reports that I have seen of Kentucky geology. The stratum loses its value to a great degree as it approaches the Ohio River, but it must still be identifiable to the southward. Nor is distinct mention made of the Berea shale in such reports as I have seen, but it certainly extends south of the river. There is an apparent blending of these lower strata with the Cuyahoga shale to the southward.

In the reports of the (first) Kentucky Geological Survey (Vol. IV, page 451), Prof. Joseph Lesley, Jr., in treating of the Knobstone formation, gives an accurate account of the Cuyahoga shale and Logan group as seen in Northern Kentucky. I quote his words: "The thickness of this rock (Knobstone formation) varies between 350 and 550 feet. The lower and larger portion is composed of olive-colored mud-rock, with pretty generally disseminated nodular masses of earthy iron ore. The upper portion is a thin-bedded and generally fine-grained sandstone, also olive-tinted, containing, as a characteristic fossil, a cock-tail fucoid. From certain strata fine-grained grindstones are obtained."

The mud-rock certainly includes the Cuyahoga shale, which we have followed to the Ohio, and the fine-grained sandstone overlying it is the Logan group of Ohio.

In Michigan the Berea grit seems to be one of the main salt-water reservoirs that are reached by deep borings in many parts of the State. Dr. Rominger records a section, for the accuracy of which he vouches, obtained from a boring at Ann Arbor. The identifications that he sug-

gests for the various strata traversed, seem to me to be well founded and real. The well shows, according to these identifications—

	Feet.
Cuyahoga shale (blue shale with seams of fine-grained sandstone)	150
Berea shale (black, bituminous)	28
Berea grit (gray sandstone, coarse)	92
Bedford shale (blue)	100
Cleveland, Erie, Huron shale (black, blue, black)	170
Devonian limestone.	

(Geol. Survey of Mich., Vol. III, page 92, 1876; see, also, page 100.)

Only the lower portion of the Cuyahoga shale is found in this section, but the stratum of which this forms a part constitutes one of the principal elements of the Michigan scale, and is, according to Dr. Rominger, not less than 400 feet thick (page 99). He describes some exposures of it as "soft blue shale, with inter-stratified seams of arenaceous, thin-bedded flag-stones, and full of lenticular, iron ore geodes of concentric structure, containing sometimes a loose, shaking nucleus" (page 88). Dr. Rominger fully identifies this shale formation with the Cuyahoga shale of Ohio by the fossils it contains (page 90).

There can be little uncertainty in identifying the next higher division in Michigan with the Logan group of Ohio. It consists principally of sandstone, with intervening beds of shale and *seams of conglomerate*. It varies in thickness between 250 and 350 feet (pages 85 and 99). It includes the Marshall and Napoleon groups of Winchell, and the grindstone grit of Port Austin. The series abounds in fossils of the usual Waverly types. Fish remains are specially abundant in concretions in the conglomerate beds (page 72). "Carbonaceous vegetable fragments, among them Calamites and Lepidodendron, are of common occurrence" (page 73). All the demands of both stratigraphical and paleontological order seem to be met by the identifications here made.

The geological survey now in progress in Pennsylvania has rendered it highly probable that the Berea grit of Ohio becomes the "Third Mountain sand" of Butler county (see reports of Carll, Chance, and White). The Bedford shale is found in its proper horizon, according to this reference, as the "red rock" of the oil wells. The Berea shale is clearly to be found in the lower portion of the Orangeville shale of Professor White. (Report Q Q Q, page 63.)

The Cuyahoga shale is recognized under its own name, in a formation that is prevailingly "soapstone," but which also includes forty to fifty feet of thin bedded sandstone in some sections (Sharpsville sandstone of Professor White). The measures given for the Cuyahoga shale range between 135 and 270 feet.

The Logan group in Pennsylvania, as well as in Ohio, is still a subjec of investigation; but it seems likely to find its equivalent in the Sharo shales and sandstones of Chance, if not in the Sharon conglomerate (Report V, page 224). The Shenango sandstone and shales of Whit hold the same place. They contain, with the usual Waverly fossils many coal plants, among which "huge lepidodendra" are mentioned (Report V, page 224). The occurrence of *Lepidodendron Veltheimianum*, sub-carboniferous form, in this rock, is also noted. (Report Q Q Q page 61) The Sharon sandstones are held by Carll to be the First and Second Mountain sands of the oil regions, the lower or main one probably becoming the Garland conglomerate of Venango county.

The equivalences established or highly probable, now stated, can be shown in tabular form:

	Ohio.	Michigan.	Pennsylvania.	Kentucky.
5	Logan group. (150–350 feet.) { Logan sandstone. Olive shales. Licking shales. / Waverly conglomerate. Black Hand " Granville beds.	Napoleon group. { Marshall group. Port Austin grindstones. (250 to 350 feet.)	Sharon shales and sandstones. { Shenango shales and sandstones. First and Second Mount'n sands ? Garland conglomerate ? (175–225 feet ?)	Knobstone. Grindstone grit.
4	Cuyahoga shale—Raccoon shales. (150–400 feet.)	Cuyahoga shale. (400 feet)	Cuyahoga shale—Crawford shales. (128 to 270 feet ?)	Mud rock.
3	Berea shale—Waverly black shale. (16–30 feet.)	Black shale. (28 feet ?)	Orangeville shale.	Vancebnrg black shale. (16 feet.)
2	Berea grit—Lower Waverly quarry stone. (5 to 75 feet.)	Sandstone. (92 feet ?)	Third Mountain sand ? (75 feet ?)	(Present in Northern Kentucky.)
1	Bedford shale. (10 to 90 feet.)	Shale. (100 feet ?)	Red rock ?	(Present in Northern Kentucky.)

I think that from this review it will be seen that a better understanding than we have heretofore had of the Waverly group and its extension into adjoining States is now possible. This series has not been discussed at any length in the reports of the last geological survey of Kentucky; but when it comes to be reported on, I am sure, from my own observations on the series in that State, that all the elements recognized in Ohio will be found there—at least in the Ohio River sections.

Returning to the geology of Ohio, we find the Logan group overlain by the *Sub-carboniferous limestone group*, the most prominent element of which is the Maxville limestone of Prof. Andrews. This limestone enters the State from Kentucky, and has been reported as far north as Muskingum county. It may well be used to give a name to the series in which it is found. The upper limit of this Maxville group is often very definite, it being the base of the "conglomerate sandstone" of Kentucky, which is generally recognized as the lowest member of the Carboniferous conglomerate. The lower limit of the group is not as easily fixed; but I take a fossiliferous and persistent flint, which is associated, sometimes at least, with fire-clay, iron ore, and a streak of coal to be the base. I named it the Logan flint in my report on the Hanging Rock district (volume III, page 900); but as this name would prove confusing, I will call it the *Scott's Creek flint*, on all the tributaries of which stream it is found for a number of miles west and south of Logan. This group includes limestone, flint, fire-clay, coal, and other coal measure rocks, and one or more of the elements first named is found in almost every section where the series is due. The maximum thickness of the group I make to be forty feet; but in the majority of instances a flint bed or a coal seam will be the only element to be noted. The limestone sometimes contains quartz pebbles, as at Hamden Junction, and the same thing is true of the fire clay in some of the beds near Logan. Pebbles are also found in the sandstone overlying it as far north as Logan—at least. In all of these ways it shows itself to be what I pronounced it in the report already named, a "coal measure limestone," and also an "intra-conglomerate limestone." (Vol. III, page 891.) I have never discussed this formation formally; but I am obliged to confess that in what I have said of it incidentally, and in what I have represented in sections accompanying my reports, I have incorporated several considerable errors. I regret these errors all the more because my friends have been, in some instances, misled by them in publications that they have made. I refer especially to Prof. Newberry's statements in Vol. III, Geol. of Ohio. The errors to which I refer consist in placing the Wellston coal below the Maxville limestone and the Jackson coal 100 feet below the same horizon.

I am now satisfied that the Wellston coal belongs above the Maxville group, and the conglomerate as well, and I am not sure that the Jackson coal lies below. One thing, however, is established beyond dispute, that there is at least one coal seam in Ohio that is sub-conglomerate coal, if the conglomerate sandstone overlying the Maxville group is held to be the carboniferous conglomerate. The same thing is true in Kentucky. Prof. Shaler reports two or three beds of sub-conglomerate coal in Eastern Kentucky. He says, "These beds of coal are about the most persistent and trustworthy of all the beds known to me in Kentucky." (Ky. Geol. Survey, new series, volume III, page 183.)

Other errors that I now see in the same connection, are to be found in making too large an interval between the Waverly conglomerate and the Maxville group, and in identifying, without sufficient discrimination, the several elements of the conglomerate series of Jackson, Pike, and Hocking counties. As to the first point, I assigned an interval of 100 feet between the Waverly conglomerate and the Maxville horizon, in the vicinity of Logan. The more common measure is less than half of this. I have already called attention to a statement of Professor Andrews, that the distance from the top of the Waverly conglomerate on Scott's Creek, near Logan, to the horizon of the Maxville limestone, is 133½ feet. From the surface of the highest conglomerate that I find on Scott's Creek, and a very well-marked conglomerate fifteen to twenty feet thick, the engineer's level gives 128 feet to a limestone horizon, but the limestone is the *Lower Mercer* (Zoar), and not the Maxville. The conglomerate of which I speak, is crowded with coal plants, sigillaria, calamites, and lepidodendron, and is not more than thirty feet above the conglomerate phase of the Logan group.*

This thirty feet is occupied by the beds of the Maxville group, a fossiliferous flint and an impure limestone constituting the most noticeable elements. I was right in asserting that the Hocking county conglomerate contained the same elements that are found to the southward, but I may have been wrong in counting the whole sub-carboniferous in age. My view of the facts, at best, was confused.

This brings us to a fuller consideration of the conglomerate series of our geology, in regard to which such very diverse views are held. The survey now in progress in Pennsylvania is throwing much light on these questions, and it is obvious to all who examine the subject in this new light, that a solution is at hand. Without the facts that have

* This section is found in the road leading over Stultz's Hill from Logan to Ilesboro. The conglomerate, with coal plants, lies at the foot of the hill on the west side.

been recently acquired in regard to the continuity of the Pennsylvania strata, to which the name was first applied, a solution would be impossible. It has been held heretofore that the conglomerate of Pennsylvania was one undivided formation, and all attempts to find its equivalent in Eastern Ohio have proceeded on this assumption; but we now learn that the Pottsville conglomerate (No. XII of Pennsylvania) "is not a single stratum, but always a formation with two, three, four, or more members," in the western part of the State. (Report V, page 222.) These conglomerates are, in descending order—

Homewood sandstone (under which lies the Mercer group of coals and limestones).
Connoquenessing sandstone (Massillon sandstone), with the Sharon group of coals, etc., below it.
Sharon conglomerate.

It is the upper member of this series, viz., the Homewood sandstone, which was called No. XII (or the conglomerate) by the geologists of the first Pennsylvania survey. Above it lie the Lower Productive Coal Measures of the same authorities. The lowest coal of this series (Bed A, Brookville bed) always lies on, or a few feet above, this upper member of the conglomerate. But within the two hundred feet of this conglomerate group there are four workable beds of coal, viz., Nos. 1, 2, 3, and 3*a* of the Ohio scale, and two limestones, viz., the Upper and Lower Mercer limestones. How shall these coals and limestones be counted? Either as sub-conglomerate beds or as inter-conglomerate beds, the answer depending on the place which is given to the Homewood sandstone, whether it is held to be the equivalent of No. XII *in whole* or *in part*. If in whole, according to the identifications of the old survey, as given by Lesley, then the coals are sub-conglomerate, and, in fact, they have been so described; but if in part, then the conglomerate series must be made to include the rocks that lie below. This latter view seems now to be generally accepted by the several geologists who are at work on this portion of the field, as is shown on the preceding page, but as to the lower limit of the conglomerate (No. XII), a settled opinion does not seem to have been reached thus far. Mr. Carll is said to include in the conglomerate the Shenango sandstone of White (Sharon sandstones of Chance), and this stratum finds a place in our Logan group. In other words, he makes our Waverly conglomerate the base of the conglomerate system (No. XII). He does this with the distinct recognition of the fact that Waverly (orsub-carboniferous) fossils occur between the Sharon conglomerate and the Shenango sandstone. (Report V, page 225).

If this be the true rendering of the facts, it will be seen that assertion and denial in regard to the position of the Sharon coal, for example,

have never fairly met. When it was asserted that the Sharon coal lies below the conglomerate, it was, in its author's intent, a statement of the undeniable fact that this coal lies below the Homewood and also the Massillon sandstone, and when, on the other side, it was asserted that the Sharon coal lies above the conglomerate, it was a statement of the equally indisputable fact that it belongs above the *Sharon* conglomerate.

I have placed upon the map which accompanies this sketch a line designating approximately the outer margin of the Ohio coal field, as shown in the geological atlas of the State, and to this line I have attached the name—*the lowest coal*—but I do not thereby mean to assert the continuity of any one seam at that horizon. Such continuity has certainly not been proved, and I do not believe it is susceptible of proof; but the *horizon* can be followed, as I think, with a good degree of probability. I count this horizon in Southern Ohio *below* that of the conglomerate sandstone which overlies the Maxville group, and if this sandstone be assumed as the base of the Carboniferous conglomerate, I call the coal *sub-conglomerate coal.*

Professor Andrews found the lowest coal seam of Hocking and Vinton counties resting on his Logan sandstone. (Report of 1870.) It is frequently in these districts but 20 or 30 feet above the Waverly conglomerate, but as the series is followed southward, the conglomeratic phase of the Logan group grows weaker, and in Jackson county, as I have already stated, the beds of this age have frequently been eroded and a coarse conglomerate has been let down into them unconformably. Upon this conglomerate, the lowest coal now reposes. I believe the coal seam that covers the Logan sandstone and the seam that rests on the conglomerate, to be one and the same, formed in the same marsh and at the same time. Professor Andrews pronounced this conglomerate to be the Carboniferous conglomerate; and I followed him in this view in my report on Pike county (Vol. II), but the stratum to which this name, as previously limited, must apply, is found above the coal. A conglomerate sandstone, with pebbles sometimes half an inch in length, overlies this lowest coal throughout this region. It rises sometimes to a thickness of 70 feet—as in section 19, Jackson township, Pike county. In Jackson township, Jackson county, on sections 27 and 28, coarse pebbles are found 40 feet above the coal. At Jackson Court House, I find this stratum in the heavy sandrock that overlies the shaft coal. This sandrock developes into a distinct conglomerate, three or four miles to the westward.

I venture to suggest that this intrusive conglomerate of Jackson county is the equivalent of the true Sharon conglomerate of Northern

Ohio, restricting this term to the uppermost division of the pebble rock that have been called by this name.

In Pike and Jackson counties, the three conglomerate strata not enumerated, viz., the Logan group, the middle conglomerate and the conglomerate sandstone, occur in the same rock sections and form one conglomerate series, though admitting these divisions.

I fully recognize the fact, however, that all statements upon this part of our geological scale, are incomplete and provisional. An entirely satisfactory account of the strata between the Cuyahoga shale and the Mercer limestones, has never yet been given. The view that I have presented above reconciles more of the facts that I have gathered from this part of our scale in Southern Ohio, than any other that I have been able to find or to frame. In regard to the higher conglomerate, viz., that which covers the lower coal seam, I will only add that though not very often mentioned in reports on Southern Ohio, it is shown with perfect distinctness through Pike, Jackson and Scioto counties. I represented it on my section of the Pike county rocks (Vol. II, page 615). I have already named a locality in which it is found at least 70 feet thick. The want of space forbids any extended discussion of the remaining coal measures of the State at this time, but I desire to call attention to a few points that have been recently established or brought into clearer light, pertaining to the lower portions of this series. It is apparent to all who keep acquainted with the geological work now in progress or lately carried on, in Pennsylvania, Ohio, and Kentucky, that a surprising degree of regularity and continuity as to the principal horizons of the Lower Coal Measures, is coming to view. Seams of coal and beds of limestone and iron ore, are found to stretch in unbroken sheets around the margin of this old carboniferous gulf. The several portions of this margin seem to have had a common history, the whole border being uplifted so evenly as to give comparative equality of intervals between contiguous strata in the several parts of the field. It was a retreating sea around which the coal measures of Ohio were successively deposited. The later coals are always found *within* the areas of the earlier, and there is no reason to believe that in the large way they ever extended over them. Each coal seam grew in a marginal marsh, comparatively few miles in breadth. To look for the lowest coal under the Nelsonville seam, for example, or for the Nelsonville coal under the Pittsburgh seam, is, as a general rule, to look for the living among the dead. It would be a geographical accident, and an unusual one, that would allow the marshes of such distant seams to occupy the same area. Subsidence of the interior region can not be dispensed with, but the steady contraction of the gulf by the slow

elevation of its border, seems to me essential to an explanation of the facts involved.

It was to the statement of this newly discovered order of the Lower Coal Measures that I looked with special interest as I entered upon the present discussion. I have accumulated a large number of sections, carefully taken by the several geologists that have been working during the last forty years on these strata, as they extend around the borders of our coal field, and, I think, that by them the continuity of at least half a dozen strata, if not demonstrated, is still invested with that high degree of probability beyond which we cannot always go in the determination of geological order. This statement I must leave to a later date. I wish that it might be more worthily made than I can hope to make it.

As to the true sequence and system of these measures, I regret to find that I am not able to accept the arrangement proposed by my honored friend, Professor Newberry, as far, at least, as the equivalence of the elements common to Ohio and Pennsylvania is concerned. I recognize in Professor Newberry's general statements not only the ablest presentation of the geological history of this State that has ever been made, but also the most comprehensive sketch of the geology of all this portion of the Mississippi Valley that is on record. If, then, it seems presumptuous to call in question his reading of the minor elements of his own field, I have to say that his system of the lower coals, and their Pennsylvania equivalents, was published eight or ten years ago, and that in this interval a great flood of light has been thrown upon the field by the work of the Second Geological Survey of Pennsylvania. This organization has done, by far, the most thorough stratigraphical work yet accomplished in the Lower Coal Measures of the United States. Money has been expended without stint in connected and minute field work, and, as a result, now that the lines are converging to a focus, the confusion and uncertainty that have hitherto enveloped the field are clearing away and the most orderly coal field of the world is coming into view. In these settled results Ohio geology shares, and it is to connections and equivalences derived from them that I shall, in closing this paper, briefly advert.

Around the whole margin of the field, from Mercer county, Pennsylvania, through Trumbull, Mahoning, Portage, Summit, Wayne, Holmes, Coshocton, Licking, Perry, Hocking, Vinton, Jackson, and Scioto counties, stretches the *Mercer Limestone Group*. It can also be traced through Greenup and Carter counties, Kentucky. Its constitution in Pennsylvania is shown below. Its Ohio equivalents are also indicated.

Conglomerate series of coals.

- Homewood sandstone (Conglomerate of 1st Survey.)
- Upper Mercer Group, Interval, 20, 40 feet.
  - Ore.
  - Limestone (Gore of Hocking Valley).
  - Coal (Coal III A., Newberry).
- Lower Mercer Group
  - Ore (Block Ore).
  - Limestone (Zoar, Newberry).
  - Coal (Coal III, Newberry).
- Connoquenessing, or Massillon Sandstone.
- Sharon Coal.

The Lower Mercer group, with its limestone, coal, and ore, is the mor important of the two. It is, in fact, one of the main land marks of th Lower Coal Measures, and one of the best guides to their order, as wa shown by Newberry. (Report 1870, page 16) It is the *Blue limestone* c all the counties named above. In Southern Ohio it is also still know as the Putnam Hill limestone, this name having been given to it in th earlier reports of Professor Andrews, an error which was subsequentl corrected.

The Lower Mercer Limestone (Zoar of Newberry) is found at a genera and average elevation of 160 to 170 feet above the lowest coal. Th range, however, is considerable, the interval shrinking, in rare instance to less than 100 feet, and in Southern Ohio expanding to more than 20 feet.

The continuity of this stratum can be thoroughly established from th reports on the various districts traversed by it, but, so far as I know, thi continuity is not questioned. It was asserted by Professor Newberry ir 1874 (Vol. II, page 130), and the work of the last six years has abundantly confirmed his claim for it.

The Upper Mercer limestone has not fared as well. It has failed o recognition in some parts of the field, has been confounded with the Lower Mercer in some sections, and with a higher limestone in others. Its coal has missed a whole number in Professor Newberry's classification, being known by one of the interpolated numbers, No. III*a*. In color it generally agrees with its companion seam below, but sometimes, and especially in Eastern Ohio, it is a *gray* limestone, and is treated under this designation in many sections. It is the limestone designated the Gore limestone in the report on the Hanging Rock District. (Vol. III, page 898.)

This was the blue limestone epoch of Carboniferous time. All of the limestones forming around this border—and there were more than two seams in many localities—shared in this character. If any one is disposed to deny the continuity of a single stratum, he will still be obliged to recognize the continuity of the group. Between the two Mercer limestones the interval varies from 20 to 40 feet.

A second limestone horizon is found above the Mercer group. Its elevation above the Lower Mercer limestone ranges in Western Pennsylvania between 125 and 150 feet. The interval in Eastern Ohio is about 125 feet. It is reduced somewhat in the central counties, often shrinking to less than 100 feet. At Putnam Hill, opposite Zanesville, where one of the names by which the limestone is known takes its rise, the interval is, by the level, 78 feet. It is 85 feet at Flint Ridge, as given by Col. Foster in the reports of the first geological survey of Ohio (2d An. Rep., p. 92). But here the Putnam Hill limestone is found to be the lowest member of a section 20 feet in thickness, the upper bed of which is the famous buhr-stone of Flint Ridge. I append the section given by Col. Foster:

Buhr	4 feet.
Shale	10 "
Hornstone	1½ "
Gray, cherty limestone	5 "

The distance from the Lower Mercer limestone in this section to the buhr-stone is 101 feet. The buhr-stone becomes the horizon of the Baird ore at New Lexington, the interval being a trifle greater than that given above, and as it is followed from this point southward it holds this general measure very steadily until Vinton county is reached, where it expands slightly. It makes a still greater gain in Jackson and Scioto counties, becoming 150 feet in the Ohio valley.

The horizon now described is the most marked and important in the whole of the Lower Coal Measures. It is that of the Ferriferous limestone of Western Pennsylvania, the Gray limestone of Newberry, the Putnam Hill limestone of Andrews, the Ferriferous limestone of the same author, the Gray and Hanging Rock limestone of my report on the Hanging Rock District. Now that the substantial identity of all these horizons is coming to be recognized, but one name is needed, and that of course will be the oldest, viz., the Ferriferous limestone.

The Ferriferous limestone bears the most valuable iron ore of the Lower Coal Measures. It is the Clarion ore and the Buhr-stone ore of Western Pennsylvania, the Baird ore of the Hocking valley, and the Limestone ore of Southern Ohio and Northern Kentucky. It has been the peculiar reliance of the charcoal iron manufacture of these several States, more than two hundred furnaces having been built with almost exclusive reference to its use.

Directly below the Ferriferous limestone in the central part of the State lies Coal No. IV of Newberry. Above it and within a range that seldom falls below 40 feet, and that as seldom exceeds 110 feet, and

with a general average of 60 to 80 feet, are found two coal seams, both o which are valuable, but the upper of which is by far the most extensiv and important seam in the State. These coals are Nos. V and VI o Newberry.

This latter seam can be traced from Carter county, Kentucky, wher it is known as the Coalton or Willard coal (No. VII of the Kentucky Sur vey). It becomes the Ashland coal of Boyd county, the Sheridan coal o Lawrence, Gallia, and Jackson counties, Ohio, the Mineral City coal o Vinton county, the Nelsonville seam of the Hocking valley, the Straits ville or Great Vein coal, the Upper New Lexington coal, the Zanesville coal, the Coshocton coal, the Dennison coal of Tuscarawas, the Osnaburg coal of Stark county, the Leetonia coal of Columbiana county (probably), and, with little doubt, the Middle Kittanning or Darlington coal of the present Pennsylvania survey. If the last determination proves correct, the seam can be traced continuously from a point 40 miles south of the Ohio River in Kentucky, through every county of Ohio and of Pennsylvania where it is due, to the north line of Maryland.

In the map which accompanies this paper, I have laid down roughly and approximately the western and northern boundaries of several of the more important strata that I have thus far discussed. The boundaries are made to connect points that have been located in each stratum, either as outliers or in the main outcrop, and the want of sinuosity that they show, indicates at once that they represent the facts only in a general way. They serve, however, to call attention to two points, the general areas of the several elements named, and the steady contraction of the arm of the sea in which and around which they were deposited.

I have drawn the facts from all available sources, but especially from the Geological Reports of Ohio and from my own observations, the latter being chiefly confined to Southern Ohio.

In closing this paper, I will give the later classification of the Coal Measures of Pennsylvania from the Sharon conglomerate to the Mahoning sandstone, i. e., to the base of the Barren Measures, and I will, at the same time, designate such of the seams and strata of the Ohio scale as seems to me to be the established or the probable equivalents or extensions of any of the Pennsylvania strata. The system of equivalents given by Professor Lesley in the preface to Professor White's report on Lawrence County and the Ohio Line (QQ. XXVIII), is certainly quite as far from the truth of nature as that which he criticizes, and is entirely inadmissible. But the work of White and Chance and others engaged in the survey of Western Pennsylvania, matches so exactly to the facts in Ohio that I count a number of these questions as

already settled. The section that I copy is taken from Mr. Chance's report on Northern Butler (Report V. pages 186–7).

Though at least four well developed and largely worked seams of coal are now included in the Conglomerate group of Pennsylvania, I believe that it will be found necessary to adopt Professor Newberry's view, and include all of these in the Lower Productive Coal Measures. Professor Lesley already intimates that such a change will be found necessary (Report Q., p. 65), and Mr. Chance seems to support this view by the title which he gives to the subjoined section. The only liberty that I have taken with the section is to affix numbers to the several elements, for convenient reference in the comparison. The upper portion of the series is much better shown in other sections, but no other gives as good a general view for my purposes. I have placed a group of coals and limestones at the head of the Ohio column, without venturing to suggest their exact equivalents in the Pennsylvania scale, but I am inclined to believe that the Shawnee limestone of the Hocking valley will prove to be the extension of the Freeport limestone of the latter State.

	Systematized section of the Lower Productive Coal Measure.	Average—feet.	Equivalent strata in Ohio.
37	Coal, Freeport Upper? or Lower?	6	Coal No 7a?
36	Fireclay	3	Bastard limestone.
35	Shales	58	Shawnee limestone.
34	Coal, Freeport Lower?	1	Coal No. 6b? or No. 7? "Big Vein" of Columbiana?
33	Shaly sandstone, Freeport Lower	50	Norris limestone.
32	Kittanning Upper coal—not noted	.....	Coal No. 6a? Hamden Furnace?
31	Slate	23	
30	Kittanning Middle coal	3	Coal No 6 of Newberry, Nelsonville Sheridan, Coshocton, Darlington, "Strip Vein."
29	Fireclay	5	
28	Slate and shale	35	
27	Kittanning Lower coal (cannel)	1	Coal No 5 of Newberry, New Castle, Lower New Lexington, "Creek Vein."
26	Fireclay	5	
25	Shale and slate—sometimes sandy	30	
24	Ore	2	Limestone ore—Baird ore.
23	Ferriferous limestone	15	Gray limestone of most sections, White, Putnam Hill, Ferriferous, Hanging Rock.
22	Slate with Scrubgrass coal	20	Coal No. 4, Newberry.
21	Clarion coal	1	
20	Shale and slate	35	
19	Brookville coal	1	Coal 3b? or 3c? Conway coal?
18	Fireclay	2	
17	Slate	10	
16	Homewood sandstone, top of No. XII	30	
15	Slate	11	
14	Mercer Upper limestone	2	Upper Blue limestone, gray limestone of some section, Gore?
13	Mercer Upper coal	1	Coal No. 3a of Newberry?
12	Ferriferous shales	15	
11	Mercer Lower limestone	1	Zoar or Blue limestone of Newberry, Putnam Hill of Andrews's earlier reports in part.
10	Shale	5	
9	Mercer Lower coal	1	Coal No. 3 of Newberry, Flint Ridge cannel.
8	Shale	5	
7	Connoquenessing, upper sandstone	35	Massillon sandstone (part.)
6	Shale with iron ore and "Strawbridge coal"	25	Coal No. 2 of Newberry?
5	Connoquenessing lower sandstone, sometimes double, with a small coal near middle	55	Massillon sandstone (part.)
4	Slate and shale	25	
3	Sharon coal bed	3	Coal No. 1 of Newberry.
2	Dark shale and slate	11	
1	Sandstone—upper part of Ohio conglomerate	25	Upper part of Ohio conglomerate.
	Shales and flaggy sandstones at Sharon	.....	

Mercer group 41.

From 1 to 16, inclusive, is the "Beaver river series, No. XII—250."

No. 30 is the Darlington coal.

The interval between Nos. 3 and 11 (Sharon coal and Mercer limestone), Mr. Chance puts at 154 feet. Professor Newberry gives 160 feet for the average in Ohio (Vol. II, page 137).

The interval between Nos. 11 and 23 (Mercer limestone and Gray limestone), Mr. Chance puts at 129 feet. Professor Newberry gives for the same interval, according to my identifications, a range of 25 to 115 feet (Vol. II, page 131). The smaller measure would seem to be derived from the cases in which the Upper Mercer limestone was mistaken for the Gray (Ferriferous) limestone.

From No. 23 to No. 30 (Gray limestone to Nelsonville coal), the interval, according to Mr. Chance, is 93 feet. For the same interval in Ohio according to my identifications, Professor Newberry gives a measure ranging between 57 feet and 122 feet (Vol. II, page 131). Professor Read finds 68 feet at Coshocton. Col. Whittlesey makes the interval about 50 feet in Columbiana county. In Southern Ohio, it ranges from 40 to 70 feet. The figures given by Mr. Chance are in excess of those that he gives elsewhere, 80 feet being stated as the usual measure.

The key to the equivalences claimed above is the Ferriferous limestone, which divides the Lower Coal Measures of Western Pennsylvania and of Southern Ohio alike, the position of all elements in the scale being referred to this persistent stratum in both of these districts. The identity of these widely separated limestones, with their accompanying ores, has long been held by men practically acquainted with both fields. Mr. John Campbell, the veteran iron manufacturer of the Hanging Rock District, has, for at least 20 years, asserted this identity. Gen. A. J. Warner, of Marietta, has counted this equivalence certain for a number of years, to my knowledge. Professor Lesley asserts it in his History of the First Pennsylvania Survey, in which he speaks of the Buhr stone ore as "a deposit co extensive with the Lower Coal Measures in Pennsylvania, Ohio, and Kentucky" (Second Geol. Surv., A, pages 93, 94, 1876). Andrew Roy, Esq., State Inspector of Mines, has recognized this identity in his several reports. He closes his report of 1876 in the following words: "When the true horizon of the Ferriferous limestone is understood, all the coals of the Lower Coal Measures will be seen to fit in place, in every mining district of the State. * * *"

The final settlement of these questions of co-ordination and equivalence for our entire series, can be effected in Ohio only as it has been in Pennsylvania, by a great amount of minute and connected stratigraphical work, and at best it will be a progressive work, but to one who has become acquainted with the results already attained in the several parts of the field, the *general order* is no longer an open question.

COLUMBUS, OHIO, *April* 26, 1880.

MINES, MINING, MANUFACTURING,

BUILDING,

LABOR, AND COMMERCIAL INTERESTS OF OHIO.

IRON AND COAL STATISTICS.

IRON ORE.

Total number of tons iron ore mined in Ohio in 1878, as reported by township assessors	291,847
Total number of tons iron ore from other States (used in Ohio in 1878), as reported by township assessors	633,181
Total number of tons iron ore from foreign countries (used in Ohio in 1878), as reported by township assessors	49,000
Total number of tons of iron ore used in Ohio, as reported May, 1879	974,028

PIG IRON MANUFACTURED IN OHIO IN 1878.

Number of tons cold blast native ore charcoal pig iron					29,466
"	hot	"	"	"	50,478
"	"	"	stonecoal	"	109,432
"	native or foreign		"	"	79,191
"	"	"	charcoal	"	.....
Total number tons pig iron manufactured in Ohio, as reported by township assessors May, 1879					268,567
Total number tons pig iron manufactured in Ohio in 1878, as reported by the American Iron and Steel Association					420,991
Total number tons pig iron manufactured by twenty Ohio furnaces in 1878-9, as reported by the proprietors					199,443
Least number tons pig iron manufactured by any one of the above twenty furnaces					660
Greatest number tons of pig iron manufactured by any one of the above twenty furnaces					50,000

The following tables from the annual report of James M. Swank, Secretary of the American Iron and Steel Association, show the production of pig iron in Ohio, by districts, and the total production in the United States, by States:

TABLE SHOWING THE PRODUCTION OF PIG IRON IN OHIO, BY DISTRICTS.

	Furnaces, December 31.	Condition of furnaces on December 31.		Make of pig iron in net tons. (Tons of 2,000 pounds.)						
		1878.								
	1878.	In.	Out.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Hanging Rock coke	17	5	12	23,169	28,601	26,015	36,899	44,260	44,544	31,137
Mahoning Valley	17	7	10	152,756	136,972	121,403	115,993	137,546	136,526	134,400
Hocking Valley	13	7	6	.....	.....	.....	1,250	7,483	23,895	65,690
Miscellaneous coke	23	9	14	128,196	139,958	184,748	199,780	165,057	153,316	156,251
Hanging Rock charcoal	31	12	19	87,440	92,365	85,573	57,413	42,822	40,212	33,513
Miscellaneous charcoal	3	.....	3	8,182	8,133	6,962	4,558	6,109	1,905	.....

PRODUCTION OF PIG IRON FROM 1872 TO 1878, BY STATES.

States.	Furnaces, December 31.	Condition of furnaces on December 31.		Make of pig iron in net tons. (Tons of 2,000 pounds.)						
		1878.								
	1878.	In.	Out.	1872	1873.	1874.	1875.	1876.	1877.	1878.
Maine	1	1	....	.....	780	1,661	2,046	3,002	1,960	1,190
Vermont	1	1	....	2,000	3,100	3,450	2,400	550	210	585
Massachusetts	6	1	5	17,000	21,136	27,991	21,255	5,040	2,904	1,426
Connecticut	10	7	3	22,700	26,977	14,518	10,880	10,160	14,44[illegible]	15,280
New York	58	26	32	291,155	296,818	326,721	266,431	181,620	230,442	247,698
New Jersey	19	6	13	103,858	102,341	90,150	64,069	25,349	52,909	70,958
Pennsylvania	271	122	149	1,401,497	1,389,573	1,213,133	960,884	1,009,613	1,153,356	1,342,633
Maryland	24	7	17	63,031	55,9[illegible]6	54,556	38,741	19,876	26,959	24,027
Virginia	33	5	28	21,445	26,475	29,451	29,985	13,046	12,434	16,928
North Carolina	7	....	7	1,073	1,432	1,340	800	400	325	.....
Georgia	11	2	9	2,945	7,501	9,786	16,508	10,618	13,223	16,363
Alabama	12	5	7	12,512	27,283	32,863	25,108	24,732	41,241	41,482
Texas	1	....	1	619	280	1,012	.....	426	525	.....
West Virginia	11	5	6	20,796	23,056	30,134	25,277	41,165	34,905	50,667
Kentucky	22	6	16	67,396	69,889	61,227	48,339	34,686	47,607	50,182
Tennessee	23	8	15	42,484	43,134	48,770	28,311	24,585	25,940	28,347
Ohio	104	40	64	399,743	406,029	415,001	415,893	403,277	400,398	470,991
Indiana	7	...	7	39,221	32,486	13,732	22,081	14,547	15,460	.....
Illinois	12	4	8	78,627	55,796	37,946	49,762	54,168	61,358	78,455
Michigan	24	9	15	100,222	123,506	136,662	114,805	95,177	82,216	70,853
Wisconsin	15	5	10	65,036	74,148	50,792	62,139	51,261	22,205	49,687
Missouri	18	5	13	101,158	86,552	75,817	59,717	68,223	73,565	47,499
Oregon	1	.....	1	.....	.....	2,500	1,000	1,750	.....	1,310
Utah	1	.....	1	.....	.....	200	150	65	.....	.....
Totals	692	265	427	2,854,559	2,868,278	2,689,413	2,266,581	2,093,236	2,314,586	2,577,361

The following tables and summary, for 1878, from the same report, exhibit the growth of the several branches of the pig iron trade in the United States from 1854 to 1878:

Years.	Anthracite.	Charcoal.	Bituminous coal and coke.	Total.
1854	339,435	342,298	54,485	736,218
1855	381,866	339,922	62,390	784,178
1856	443,113	370,470	69,554	883,137
1857	390,3~5	330,321	77,451	798,157
1858	361,430	285,313	58,351	705,094
1859	471,745	284,041	84,841	~40,627
1860	519,211	278,331	122,228	919,770
1861	409,329	195,278	127,037	731,544
1862	470,315	186,660	130,687	787,662
1863	577,638	212,005	157,961	947,604
1864	684,018	241,853	210,125	1,135,996
1865	479,558	262,342	189,682	931,582
1866	749,367	332,580	268,396	1,350,343
1867	798,648	344,341	318,647	1,461,626
1868	893,000	370,000	340,000	1,603,000
1869	971,150	392,150	553,341	1,916,641
1870	930,000	365,000	570,000	1,865,000
1871	956,608	385,000	570,000	1,911,608
1872	1,369,812	500,587	984,159	2,854,558
1873	1,312,754	577,620	977,904	2,868,278
1874	1,202,144	576,557	910,712	2,689,413
1875	908,046	410,990	947,545	2,266,581
1876	794,578	308,649	990,009	2,093,236
1877	934,797	317,843	1,061,945	2,314,585
1878	1,092,870	293,399	1,191,092	2,577,361

THE PRODUCTION OF PIG IRON IN 1878.

The year 1878 witnessed an increased production of pig iron in the United States over the year 1877, as 1877 had witnessed an increased production over 1876, which was the year of lowest production since the panic of 1873. The production of pig iron in 1878 was 2,577,361 tons of 2,000 pounds, and from 1872 to 1878 it has been as follows:

1872.	1873.	1874.	1875.	1876.	1877.	1878.
2,854,558	2,868,278	2,689,413	2,266,581	2,093,236	2,314,585	2,577,361

The increase in 1877 over 1876 was 221,349 tons; and in 1878 over 1877 it was 262,776 tons. If a similar rate of increase be maintained in 1879, as we have no doubt it will be, the production in this year will equal that of either of the exceptionally productive years, 1872 and 1873; while a much less rate of increase will carry our production in 1880 above 3,000,000 tons. Joined to the reduction in stocks of pig iron which

took place in 1877 and 1878, the fact is fully established that the consumption of pig iron in this country has greatly increased since 1876. This increased consumption is not wholly accounted for by the growth in the past two years of the Bessemer branch of our steel industry, rapidly as it has been developed; and it is to be noted also that the production of iron rails and all forms of rolled iron was less in 1877 than in 1876, and but little greater in 1878 than in 1876. The inference is therefore clear that, although the increased consumption of pig iron in the last two years was due partly to the activity in our steel works, it was also partly due to an improvement in the business of the foundries and machine shops of the country, and but slightly due to the iron rail mills and other iron rolling mills.

Of the total production in 1878 of 2,577,361 net tons of pig iron, 1,092,870 tons were made with anthracite coal; 1,191,092 tons were made with bituminous coal and coke; and 293,399 tons were made with charcoal. The following table will show in net tons the quantity of pig iron smelted with each of these fuels since 1872:

Fuel used.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Anthracite .	1,369,812	1,312,754	1,202,144	908,046	794,578	934,797	1,092,870
Bituminous.	984,159	977,904	910,712	947,545	990,009	1,061,945	1,191,092
Charcoal ...	500,587	577,620	576,557	410,990	308,649	317,843	293,399
Totals....	2,854,558	2,868,278	2,689,413	2,266,581	2,093,236	2,314,585	2,577,361

The States which increased their production of pig iron in 1878 were Vermont, Connecticut, New York, New Jersey, Pennsylvania, Virginia, Georgia, Alabama, West Virginia, Kentucky, Tennessee, Ohio, Illinois, Wisconsin, and Oregon. Those which decreased their production were Maine, Massachusetts, Maryland, Michigan, and Missouri. North Carolina, Texas, and Indiana made pig iron in 1877. but made none in 1878. None of the Territories made any pig iron in 1877 or 1878. The increased production in 1878 over 1877 was 262,776 net tons, and of this increase the share of Pennsylvania was 189,277 tons, or 72 per cent. Ohio increased her production in 1878 over 1877 only about 20,000 tons. Of the total product of 2,577,361 tons in 1878, Pennsylvania made 1,342,633 tons, or just 52 per cent. This State has but once exceeded her production of pig iron in 1878; this was done in 1872, when 1,401,497 tons were made.

In 1874 and again in 1876 there were twenty-three States and the Ter-

ritoy of Utah engaged in the production of pig iron; in 1877 Oregon and Utah made no pig iron; and in 1878 Texas, North Carolina, Indiana, and Utah made none. Only twenty States therefore made pig iron in 1878. No new iron-making territory has been developed during the past few years, except the Hocking Valley, in Ohio.

At the close of the year 1874 a systematic attempt was made for the first time to collect the statistics of stocks of unsold pig iron in the hands of makers or their agents. The new departure was so well received that but little difficulty has since been experienced in annually collecting these statistics. The figures for that year and for the years that have intervened are given below. They represent only unsold stocks at the close of each year in the hands of makers or their agents, and do not embrace stocks that have been bought on speculation, imported, or held by consumers. Tons of 2,000 pounds are used.

1874.	1875.	1876.	1877.	1878.
705,784	760,908	686,798	642,351	574,565

COAL STATISTICS.

Total number of tons of coal mined in Ohio in 1878, as reported to the county auditors by township assessors in May, 1879..... 5,245,077
Total number of tons of coal mined at twenty-five mines in Ohio in 1878, as reported by the proprietors of the mines 990,992
Least number of tons mined in 1878 at any one of the above twenty-five mines 5,400
Greatest number of tons mined at any one of the above twenty-five mines.... 138,754

TABLE EXHIBITING THE AMOUNT OF COAL AND IRON ORE MINED, AND THE AMOUNT OF SALT AND PETROLEUM PRODUCED IN OHIO, AS REPORTED BY TOWNSHIP ASSESSORS TO THE COUNTY AUDITORS IN MAY, 1879.

Counties.	Stone coal.		Iron ore.				Salt furnaces.	Petroleum
	Number bushels mined.	Number persons mining.	Tons mined.	Tons from other states.	Tons from other countries.	Number persons mining.	Number bushels made.	Number gallons produced.
Ashtabula..	.....	.....	.....	.....	.....	.....	.....	2,000
Athens.....	4,169,614	516	.....	.....	.....	.....	62,580	.....
Belmont ...	8,407,812	635	.....	14,790	.....	.....	.....	.....
Carroll.....	456,800	69	.....	.....	.....	.....	.....	.....
Columbiana	8,279,920	779	77,500	.....	36,000	94	25,760	.....
Coshocton ..	5,333,280	192	.....	.....	.....	.....	.....	.....
Cuyahoga ..	.....	.....	.....	600,000	.....	.....	.....	*2,000,000
Gallia.....	173,500	29	.....	.....	.....	.....	.....	.....
Guernsey ...	4,950,800	305	.....	.....	.....	.....	50,000	.....
Harrison ...	632,138	104	.....	.....	.....	.....	.....	.....
Hocking ...	5,203,083	387	4,444	3,371	.....	104	.....	.....
Holmes.....	307,555	59	.....	.....	.....	.....	.....	.....
Jackson	2,134,319	261	25,296	.....	.....	186	.....	.....
Jefferson ...	5,655,674	361	.....	.....	.....	.....	.....	.....
Lawrence ..	3,316,143	367	53,654	4,020	13,000	595	.....	.....
Lucas.....	.....	.....	.....	.....	.....	.....	.....	*8,000
Mahoning ..	1,351,699	557	16,491	.....	.....	221	.....	.....
Medina	6,000	50	.....	.....	.....	.....	.....	.....
Meigs	7,100,455	605	.....	.....	.....	.....	1,995,354	.....
Monroe	127,585	49	.....	.....	.....	.....	.....	.....
Morgan	255,935	99	.....	.....	.....	.....	44,550	218,723
Muskingum .	3,124,000	346	.....	.....	.....	.....	40,150	.....
Noble	77,050	29	.....	.....	.....	.....	60,750	2,000
Ottawa ...	.....	.....	.....	.....	.....	.....	.....	*42,000
Perry	6,143,269	433	61,333	11,000	.....	65	.....	.....
Portage	105,000	13	.....	.....	.....	.....	.....	.....
Scioto.....	39,000	17	6,000	.....	.....	50	.....	.....
Stark	9,339,317	546	.....	.....	.....	.....	.....	.....
Summit	3,992,494	464	.....	.....	.....	.....	.....	.....
Trumbull ..	26,619,543	1,475	12,301	.....	.....	315	.....	45,000
Tuscarawas	35,059,607	340	.....	.....	.....	.....	176,427	.....
Vinton.....	1,217,115	277	2,128	.....	.....	1	.....	.....
Washington	565,000	34	.....	.....	.....	.....	.....	255,000
Wayne.....	2,716,919	239	.....	.....	.....	.....	.....	.....
Totals ...	146,462,155	9,952	291,247	633,181	49,000	1,655	2,903,961	1,272,723

* Refined.

MANUFACTURING STATISTICS.

THE PRODUCTION OF ROLLED IRON AND STEEL IN 1878, IN THE UNITED STATES.

[From the Annual Report of James M. Swank, Secretary of the American Iron and Steel Association.]

The production of all kinds of rolled iron in the United States in 1878, including iron rails, was 1,555,576 net tons, which was an increase of 78,817 tons over the production of 1876. Appended is a table which shows the production of iron rails and of all other forms of rolled iron since 1864. By the term rolled iron we include (1) cut nails and spikes; (2) bar, angle, bolt, rod, skelp, and hoop iron; (3) plate and sheet iron; and (4) all sizes of iron rails. Bessemer steel rails are not classed among rolled iron products:

Years.	Iron rails. Net tons.	Other rolled iron. Net tons.	Total. Net tons.
1864	335,369	536,958	872,327
1865	356,292	500,048	856,340
1866	430,778	595,311	1,026,089
1867	459,558	579,838	1,039,396
1868	499,489	598,286	1,097,775
1869	583,936	642,420	1,226,356
1870	586,000	705,000	1,291,000
1871	737,483	710,000	1,447,483
1872	905,930	941,992	1,847,922
1873	761,062	1,076,368	1,837,430
1874	584,469	1,110,147	1,694,616
1875	501,649	1,097,867	1,599,516
1876	467,168	1,042,101	1,509,269
1877	332,540	1,144,219	1,476,759
1878	322,890	1,232,686	1,555,576

This table shows that the production of iron rails reached its maximum in 1872, and that it has annually declined since that year, the decline in 1878, as compared with 1877, being, however, only 9,650 tons. It further shows that the production of all other forms of rolled iron reached its maximum in 1878, when 88,467 more tons were produced

than in 1877, and 156,318 more tons than in 1873, the year of the panic. The production of all rolled iron, exclusive of rails, more than doubled from 1868 to 1878.

The following table shows the States which produced cut nails and spikes in 1878, with their production in kegs from 1873 to 1878:

States.	1873.	1874.	1875.	1876.	1877.	1878.
Maine	.....	.....	7,000	.....	.....	.....
Massachusetts	626,465	576,376	551,708	446,638	556,344	476,863
Rhode Island	73,249	68,920	58,730	9,966	.....	.....
New York	84,438	118,9-5	81,263	71,591	76,147	46,470
New Jersey	456,537	552,867	522,198	342,391	303,852	254,453
Pennsylvania	1,195,609	1,503,019	1,316,259	1,368,163	1,591,924	1,349,714
Virginia	106,922	112,034	121,976	119,426	118,091	127,970
Georgia	10,183	.....	9,300	15,000	24,000	.....
West Virginia	878,653	1,084,027	1,035,772	908,934	989,414	890,140
Kentucky	.....	102,411	143,473	99,161	135,000	80,000
Tennessee	.....	13,210	9,795	8,609	40,047	64,191
Ohio	460,618	545,052	592,768	573,439	594,336	610,245
Indiana	98,530	150,279	185,958	194,296	272,748	277,860
Illinois	33,500	85,000	88,561	200	127,015	218,224
Totals	4,024,704	4,912,180	4,726,881	4,157,814	4,828,918	4,396,130

The production of bar, angle, bolt, rod, skelp, and hoop iron in 1878 was 830,837 net tons, against 720,531 tons in 1877, 668,956 tons in 1876, 668,755 tons in 1875, 687,650 tons in 1874, and 705,964 tons in 1873.

The production of plate and sheet iron in 1878, not including nail plate, was 182,042 net tons, against 182,242 tons in 1877, 165,255 tons in 1876, 192,769 tons in 1875, 176,888 tons in 1874, and 169,169 tons in 1873.

PRODUCTION OF ALL KINDS OF STEEL IN 1878.

The production of crucible steel in the United States in 1878 was 42,906 net tons, against 40,430 tons in 1877. The production of blister and puddled steel, and of steel made by various minor "patented" processes, was 8,556 tons in 1878, against 11,924 tons in 1877. The production of open-hearth steel in 1878, was 36,126 tons, against 25,031 tons in 1877.

Open-hearth steel was manufactured in eleven establishments in 1878, which were located in the States of New Hampshire, Vermont, Massachusetts, Pennsylvania, Ohio, and Tennessee. The increased production in 1878 over 1877 was 11,095 tons. Several open-hearth works which were idle in 1878, and several new works which are now being erected, will greatly increase the production of 1879 over that of 1878.

The following table shows in net tons the production of all kinds of steel in the United States from 1872 to 1878:

Kinds of steel.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Bessemer steel ingots...	120,108	170,652	191,933	375,517	525,996	560,587	732,226
Crucible cast steel.....	29,260	34,786	36,328	39,401	39,382	40,430	42,906
Open-hearth steel	3,000	3,500	7,000	9,050	21,490	25,031	36,126
All other steel.....	7,740	13,714	6,353	12,607	10,306	11,924	8,556
Totals.....	160,108	222,652	241,614	436,575	597,174	637,972	819,814

The grand total, here exhibited, of 819,814 tons of steel, produced in the United States in one year, coupled with the low prices at which it has been sold, should convince every American of the wisdom of a protective tariff.

PRODUCTION OF IRON AND STEEL RAILS IN 1878.

The production of rails of all kinds in the United States in 1878 was 882,685 net tons. This product has been but twice exceeded in the history of the country, in 1872 and 1873, as the following statistics of production during the past eight years will show

1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
775,733	1,000,000	890,077	729,413	792,512	879,629	764,709	882,685

The increased production in 1878 over 1877 was 117,976 tons. The product of 1878 was composed of 550,398 tons of Bessemer steel rails; 322,890 tons of iron rails; and 9,397 tons of open-hearth steel rails. The production of Bessemer steel rails was 118,229 tons greater in 1878 than in 1877; while that of iron rails was 9,650 tons less. Open-hearth steel rails appear in the statistics of last year's rail production for the first time. In 1879 we will probably produce as many rails as in 1872, when we made 1,000,000 tons.

The production of street rails in 1878 is included in the aggregate production for the year, and amounted to 9,229 tons, of which 1,717 tons were of Bessemer and open-hearth steel and the remainder were of iron. The production of street rails in the five preceding years was as follows: 1873, 9,430 net tons; 1874, 6,739 tons, of which 1,000 tons were Bessemer

steel; 1875, 16,340 tons, of which 2,308 tons were Bessemer steel; 1876, 13,086 tons, of which 3,563 tons were Bessemer steel; 1877, 7,015 tons, of which 1,269 tons were Bessemer steel.

The following table shows the production of iron and steel rails in this country since the beginning of the manufacture of Bessemer steel rails.

Years.	Open-hearth steel rails. Net tons.	Iron rails, all kinds. Net tons.	Bessemer steel rails. Net tons.	Total. Net tons.
1867	.....	459,558	2,550	462,108
1868	.....	499,489	7,225	506,714
1869	.....	583,936	9,650	593,586
1870	.....	586,000	34,000	620,000
1871	.....	737,483	38,250	775,733
1872	.....	905,930	94,070	1,000,000
1873	.....	761,062	129,015	890,077
1874	.....	584,469	144,944	729,413
1875	.....	501,649	290,863	792,512
1876	.....	467,168	412,461	879,629
1877	.....	332,540	432,169	764,709
1878	9,397	322,890	550,398	882,685

Included in the above statistics of iron rails are a few tons of crucible steel rails and steel-headed rails. The production of these rails has been steadily decreasing in late years. No crucible rails have been made since 1874, and but few tons in that or in any preceding year. The production of both the classes of rails mentioned was as follows in 1873 and 1874: 1873, 26,377 net tons; 1874, 17,181 tons. The production of steel-headed rails in the last four years has been as follows: 1875, 19,436 tons; 1876, 12,791 tons; 1877, 5,844 tons; 1878, 2,288 tons.

The following table shows the production in net tons of rails of all

kinds in the United States from 1873 to 1878, classified by States, together with the percentage made in each State in 1878:

States in the order of their rail production in 1878.	1873.	1874.	1875.	1876.	1877.	1878.	Percentage made in each State in 1878.
Pennsylvania	328,522	259,288	255,136	353,925	347,968	406,266	46.026
Illinois	136,102	125,103	188,248	181,490	120,762	196,538	22.266
Ohio	130,326	82,561	91,775	100,799	82,270	87,520	9.915
New York	59,764	46,979	82,960	57,306	34,094	54,471	6.171
Wisconsin	39,495	29,680	24,403	21,280	21,439	28,900	3.274
Indiana	26,579	20,617	23,309	29,383	34,876	28,660	3.247
Kentucky	11,386	6,068	5,851	1,524	12,100	13,000	1.473
Kansas	....	2,000	5,000	14,707	16 018	12,685	1.437
Wyoming Territory	....	....	7,000	12,326	10,007	10,425	1.181
Tennessee	13,973	12,693	12,250	21,394	11,373	9,479	1.074
Georgia	8,275	8,061	6,500	9,000	10,031	8,345	.946
Massachusetts	34,034	24,765	18,391	9,061	9,640	7,995	.906
California	475	7,016	8,073	8,629	5,750	6,779	.768
Maryland	42,356	48,008	30,6 9	18,844	8,531	3,200	.363
Maine	16,500	14,650	4,050	7,500	2,526	3,022	.342
Vermont	6,088	10,400	6,204	9,183	3,899	2,200	.249
Colorado	....	....	....	....	....	1,600	.181
West Virginia	4,000	522	406	538	1,756	1,230	.139
Missouri	14,020	24,017	17,396	20,903	31,289	362	.041
New Jersey	13,749	3,537	941	243	380	8	.001
Michigan	4,433	2,448	.... .	1,600	....	....	....
Totals	890,077	729,413	792,512	879,629	764,709	882,685	100.000

PRODUCTION OF BESSEMER STEEL IN 1878.

The quantity of pig iron, spiegeleisen, and ferro-manganese converted into steel by the Bessemer process, in the United States, in 1878, was 739,765 net tons, against 562,227 tons in 1877. Of spiegeleisen and ferro-manganese, alone, there were used 61,466 tons, against 48,229 tons in 1877, 45,980 tons in 1876, and 33,245 tons in 1875. The number of net tons of Bessemer steel ingots produced in 1878 was 732,226, against 560,587 tons in 1877. The number of net tons of Bessemer steel rails produced in 1878 was 550,398, against 432,169 tons in 1877. In addition to the rails produced, there were sold or worked up by the Bessemer works into other forms 73,370 net tons of ingots. There were ten Bessemer steel works in operation in 1878, the only remaining works, the Vulcan, at St. Louis, being idle. The works which were in operation used only twenty converters. Down to the close of 1878 this country had produced a total of 2,145,595 net tons of Bessemer steel rails.

Full details of the Bessemer steel industry in this country for 1874, 1875, 1876, 1877, and 1878 are as follows:

Details of production.	1874. Net tons.	1875. Net tons.	1876. Net tons.	1877. Net tons.	1878. Net tons.
Pig iron, etc., converted.....	204,352	395,956	539,474	562,227	739,765
Ingots produced.....	191,933	375,517	525,996	560,587	732,296
Rails produced.....	144,944	290,863	412,461	432,169	550,398

The production of Bessemer steel rails in this country since 1867, when they were first made upon orders, has been as follows:

Years.	Net tons.	Years.	Net tons.	Years.	Net tons.
1867	2,550	1871	38,250	1875	290,863
1868	7,225	1872	94,070	1876	412,461
1869	9,650	1873	129,015	1877	432,169
1870	34,000	1874	144,944	1878	550,398

The production of Bessemer steel ingots in this country from 1872 to 1878 was as follows, in net tons:

1872.	1873.	1874.	1875.	1876.	1877.	1878.
120,108	170,652	191,933	375,517	525,996	560,587	732,296

It is one of the most interesting facts connected with the industrial development of our country that the domestic Bessemer steel manufacture should have moved forward with giant strides during a period of such widespread and paralyzing depression as has prevailed in the United States and in most other countries from 1873 to 1878. No example could better illustrate the abounding faith, the resolute courage, and the business sagacity of the American people, or more pointedly illustrate the real wealth of the country, both in material resources and pecuniary accumulations.

Of the ten Bessemer steel establishments which made steel in 1878, one is in New York, five are in Pennsylvania, one is in Ohio, and three are in Illinois.

IMPORTS AND EXPORTS OF IRON AND STEEL IN 1878.

The value of the imports into the United States from all countries of iron and steel and manufactures thereof has been as follows from 1871 to 1878. The figures given represent foreign invoice valuations. Tin-plate is not included:

Calendar years.	Values.	Calendar years.	Values.
1871	$47,919,927	1875	$15,264,216
1872	61,724,227	1876	10,584,126
1873	45,764,670	1877	9,195,368
1874	24,594,534	1878	8,943,043

A table showing the details of our imports of iron and steel in recent years is given elsewhere in this report, from which it will be seen that we imported in 1878 more pig iron, castings, and bar iron, and more cutlery and fire-arms, than in 1877, and less of all other forms of iron and steel. No iron rails were imported in either 1877 or 1878, but in 1876 we imported 287 net tons. Of steel rails we imported 35 net tons in 1877 and 10 tons in 1878; in 1876 none were imported. Our imports of pig iron in 1877 and 1878 consisted mainly of spiegeleisen.

The value of the exports from the United States to all countries of domestic iron and steel and manufactures thereof has been as follows from 1871 to 1878:

Calendar years.	Values.	Calendar years.	Values.
1871	$11,836,137	1875	$16,092,906
1872	10,030,125	1876	11,794,743
1873	12,129,939	1877	16,659,675
1874	15,389,807	1878	13,260,369

PRODUCTION OF ALL KINDS OF ROLLED IRON IN THE UNITED STATES FROM 1875 TO 1878.

[Statistics collected from the manufacturers by The American Iron and Steel Association.]

States.	Bar, angle, bolt, rod, hoop, skelp, plate, and sheet iron, including nail plate.—Net tons.				Iron rails, all sizes.—Net tons.				Total rolled iron.—Net tons.			
	1875.	1876.	1877.	1878.	1875.	1876.	1877.	1878.	1875.	1876.	1877.	1878.
Maine	4 050	3,314	3,773	3,620	4,050	7,500	2,526	3,022	8,100	10,814	6,299	6,642
New Hampshire	1,000	1,900	1,900	550	.....	.....	.....	.....	1,000	1,900	1,900	550
Vermont	.....	.....	.....	.....	6,204	9,183	3,899	700	6,204	9,183	3,899	700
Massachusetts	81,321	69,515	87,65	77,665	18,391	9,061	9,640	7,995	99,712	78,576	97,293	85,660
Rhode Island	9,584	7,394	7,500	8,000	.....	.....	.....	.....	9,584	7,394	7,500	8,000
Connecticut	9,618	10,114	7,298	10,138	.....	.....	.....	.....	9,618	10,114	7,298	10,138
New York	98,646	73,401	59,160	75 245	44,100	31,195	7,853	9,291	142,746	104,596	67,013	84,536
New Jersey	54,308	52,168	48,848	51,624	941	243	380	8	55,249	52,411	49,228	51,632
Pennsylvania	483,694	470,335	528,028	587,441	142,293	150,175	97,437	90,333	625,987	620,510	625,465	677,774
Delaware	15,252	17,598	18,249	14,427	.....	.....	.....	.....	15,252	17,598	18,249	14,427
Maryland	16,068	12,337	12,702	7,375	30,619	18,844	8,531	3,200	46,687	31,181	21,233	10,575
District of Columbia	.....	.....	.....	82	.....	.....	.....	.....	.....	.....	.....	82
Virginia	18,843	17,306	17,592	22,424	.....	.....	.....	.....	18,843	17,306	17,592	22,424
Georgia	3,825	3,001	3,070	1,777	6,700	9,000	10,031	8,345	10,325	12,001	13,101	10,122
Alabama	1,000	1,000	700	500	.....	.....	.....	.....	1,000	1,000	700	500
West Virginia	53,893	49,098	55,394	52,253	406	538	1,756	1,230	54,299	49,636	57,150	53,483
Kentucky	28,110	29,350	33,688	24,000	5,851	1,524	12,100	13,000	33,961	30,874	45,788	37,000
Tennessee	1,495	1,880	6,529	10,858	12,250	21,394	11,373	9,422	13,745	23,274	17,902	20,280
Ohio	145,816	148,529	161,978	169,042	63,804	60,649	46,131	34,180	209,620	209,178	208,109	203,222
Indiana	20,764	25,879	34,644	35,455	23,309	29,383	34,876	28,660	44,073	55,262	6.,520	64,115
Illinois	12,428	9,931	15,292	33,044	77,059	47,777	31,243	52,753	89,487	57,708	46,535	85,797
Michigan	2,450	3,725	3,200	4,855	.....	1,600	.....	.....	3,450	5,325	3,200	4,855
Wisconsin	14,437	8,700	11,820	16,400	28,403	21,280	21,439	28,900	42,840	29,980	33.259	45,300
Missouri	14,144	18,790	19,226	17,639	17,396	12,166	1,550	362	31,540	30,956	20,776	18,001
Wyoming Territory	.....	.....	.....	.....	7,000	12,320	10,007	10,425	7,000	12,320	10,007	10,425
Kansas	.....	.....	183	1,800	5,000	14,707	16,018	12,685	5,000	14,707	16,201	14,485
California	6,121	6,936	5,792	6,472	8,073	8,629	5,750	6,779	14,194	15,465	11,542	13,251
Colorado	.....	.....	.....	.....	.....	.....	.....	1,600	.....	.....	.....	1,600
Totals	1,097,867	1,042.101	1,144,219	1,232,686	501,649	467,168	332,540	322.890	1,599,516	1,509,269	1,476,759	1,555,576

DOMESTIC EXPORTS OF IRON AND STEEL AND MANUFACTURES THEREOF FROM THE UNITED STATES TO ALL COUNTRIES DURING THE CALENDAR YEARS 1874 TO 1878.—CURRENCY VALUES.

[Prepared from statistics furnished by the United States Bureau of Statistics]

Commodities.	1874.		1875.		1876.		1877.		1878.	
	Quantities.	Values.	Quantities	Values.	Quantities	Values.	Quantities.	Values	Quantities.	Values.
Iron, and manufacturers of—										
Pig iron, net tons	16,039	$447,619	8,738	$250,919	3,805	$94,314	7,667	$171,255	3,286	$81,206
Bar iron "	4,717	331,341	9,548	675,465	3,383	222,284	2,959	154,711	2,511	126,747
Boiler-plate iron, net tons	222	13,219	66	6,272	95	8,417	155	15,950	169	10,695
Railroad bars or rails, net tons	1,257	73,159	1,210	67,064	3,665	153,465	7,445	281,198	9,108	289,740
Sheet, band, and hoop, "	86	12,284	79	8,481	81	6,998	314	25,990	142	11,068
Castings, not specified	.....	271,276	.....	369,170	.....	243,062	.....	257,328	.....	251,227
Car wheels, number	6,644	137,589	370	120,688	6,738	133,614	6,375	99,845	8,061	73,784
Stoves, and parts of	.....	141,953	.....	133,299	.....	119,228	.....	141,361	.....	98,837
Steam engines, locomotives, number	77	1,145,669	69	761,718	43	534,907	64	633,501	82	785,716
Steam engines, stationary, number	41	51,296	56	84,672	52	75,412	83	62,720	94	127,076
Boilers, separate from engines	.....	95,604	.....	130,688	.....	79,879	.....	88,707	.....	122,744
Machinery, not specified	.....	4,153,258	.....	2,966,848	.....	2,554,335	.....	3,553,394	.....	3,616,915
Nails and spikes, net tons	5,139	481,010	4,897	434,743	4,405	313,902	4,932	318,540	4,840	278,016
All other manufactures of iron	.....	3,279,704	.....	3,919,087	.....	3,299,213	.....	3,804,876	.....	4,222,989
Steel, and manufactures of—										
Ingots, bars, sheets, and wire, net tons	343	29,557	50	13 968	85	17,051	72	16,101	81	13,444
Cutlery	.....	50,805	.....	30,318	.....	45,188	.....	42,086	.....	60,231
Edge tools	.....	875,538	.....	671,123	.....	626,597	.....	908,211	.....	827,796
Files and saws	.....	28,173	.....	34,279	.....	36,535	.....	40,103	.....	38,271
Fire-arms	.....	3,613,410	.....	5,184,576	.....	3,054,723	.....	5,652,141	.....	1,625,279
Railroad bars or rails, net tons	.....	.....	.....	.....	.....	.....	.....	.....	249	9,539
All other manufactures of steel	.....	157,323	.....	229,328	.....	165,619	.....	391,677	.....	388,747
Total exports of iron and steel	.....	$15,389,807	.....	$16,092,906	.....	$11,794,743	.....	$16,659,675	.....	$13,260,369

Agricultural implements—										
Fanning mills, number	48	$1,379	146	14,863	69	$1,656	255	$11,889	50	$7,787
Horse-powers "	95	47,806	119	32,434	29	12,154	63	22,649	55	21,639
Mowers and reapers, number	17,230	1,866,324	13,057	1,446,681	12,027	1,223,214	8,016	808,154	10,659	1,044,427
Plows and cultivators	13,109	169,032	12,203	142,127	15,260	132,230	19,654	160,595	18,360	134,828
All others not specified	.....	1,041,952	.....	804,697	.....	996,665	.....	994,622	.....	1,681,915
Scales and balances	.....	134,996	.....	156,346	.....	146,947	.....	200,711	.....	184,614
Sewing machines	.....	1,770,951	.....	1,715,312	.....	1,657,077	.....	1,625,094	.....	1,638,573
Fire engines and apparatus	.....	16,485	.....	12,269	.....	42,957	.....	64,442	.....	18,043
Total agr. impts., fire engines, etc	.....	$5,068,925	.....	$4,324,729	.....	$4,202,900	.....	$3,888,196	.....	$4,732,126

FOREIGN COMMERCE OF THE UNITED STATES SINCE 1861.

During the fiscal year ended June 30, 1878, the total imports of merchandise into the United States, after deducting foreign merchandise re-exported, amounted to $422,895,034, against $438,518,130 in the fiscal year 1877, showing a decrease in 1878 of $15,623,096. During the fiscal year 1878 the exports of domestic merchandise from the United States amounted to $680,709,268, against $589,670,224 in 1877, showing a gain in 1878 of $91,039,044. The imports of specie in 1878 amounted to $23,143,074, against $27,746,915 in 1877. The exports of specie in 1878 amounted to $27,061,885, against $43,134,738 in 1877.

The following table, compiled from the reports of the Bureau of Statistics, shows the imports and exports of the United States in each fiscal year from 1861 to 1878:

Fiscal years ended June 30.	Net imports (gold value).		Domestic exports (gold value).	
	Merchandise.	Specie.	Merchandise.	Specie.
1861	$274,656,325	$10,348,401	$204,899,616	$13,799,870
1862	178,330,200	10,572,063	179,644,024	31,044,651
1863	245,375,280	1,421,056	186,003,912	55,993,562
1864	301,113,322	8,192,633	143,504,027	100,473,562
1865	209,656,525	6,784,970	136,940,248	64,618,124
1866	423,470,646	7,299,395	337,518,102	82,643,374
1867	381,041,764	16,178,299	279,786,809	54,976,196
1868	344,873,441	4,150,241	269,389,900	83,745,976
1869	406,555,379	5,585,462	275,166,697	42,915,966
1870	419,863,113	12,147,315	376,616,473	43,883,892
1871	505,802,414	7,231,395	428,398,908	84,403,359
1872	610,904,622	6,664,395	428,487,131	72,798,240
1873	624,689,727	10,777,909	505,033,439	73,906,546
1874	550,556,723	21,524,187	569,433,421	59,699,686
1875	518,846,825	12,625,704	499,284,100	83,857,129
1876	445,938,766	9,469,070	525,582,247	50,038,691
1877	438,518,130	27,746,915	589,670,224	43,134,738
1878	422,895,034	23,143,074	680,709,268	27,061,885

MANUFACTURING STATISTICS OF OHIO.

TABLE SHOWING THE AMOUNT OF PIG-IRON, NAILS, BAR, ROD, HOOP, SHEET, AND BOILER IRON, RAILROAD CHAIRS, IRON AND STEEL RAILROAD RAILS, AND OTHER STEEL MANUFACTURED IN OHIO, AS REPORTED BY THE ASSESSORS TO THE COUNTY AUDITORS IN MAY, 1879.

Counties.	Tons cold-blast native ore smelted with charcoal.	Tons hot-blast native ore smelted with charcoal.	Tons hot-blast native ore smelted with stone coal.	Tons native or foreign ore smelted with stone coal.	Tons bar and nail-rod iron.	Tons nails.	Tons hoop iron.	Tons sheet iron.	Tons boiler iron.	Tons iron railroad rails.	Tons steel railroad rails.	Tons other steel manufactured.	Tons spikes and railroad chairs manufactured.
Belmont	.....	.....	.....	.....	7,408	11,712	.....	2,873	.....	.....	.....	.....	.....
Columbiana	.....	.....	.....	75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cuyahoga	.....	.....	.....	60,000	50,350	.....	.....	.....	8,915	30,000	78,900	.....	.....
Hamilton	.....	.....	.....	.....	3,800	.....	.....	.....	.....	.....	.....	200	.....
Hocking	.....	10,945	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jackson	.....	10,250	14,616	6,750	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jefferson	2,300	13,874	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence	7,542	11,259	12,000	7,000	2,648	8 500	.....	.....	.....	300	.....	.....	.....
Mahoning	19,474	.....	61,929	.....	26,324	3,408	23,000	.....	.....	.....	.....	.....	378
Perry	.....	.....	20,887	5,116	.....	.....	.....	.....	.....	.....	.....	.....	.....
Richland	150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scioto	.....	3,900	.....	.....	2,797	.....	.....	270	1,647	.....	.....	1,793	.....
Summit	.....	.....	.....	.....	6,000	.....	.....	.....	.....	.....	.....	.....	.....
Trumbull	.....	.....	.....	.....	1,100	2,166	.....	525	1,390	.....	.....	.....	.....
Washington	.....	250	.....	250	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	29,466	50,478	109,432	79,191	100,427	25,786	23,000	3,668	11,952	30,300	78,900	1,993	378

FOUNDRY PRODUCTIONS IN OHIO AS REPORTED BY TOWNSHIP ASSESSORS TO THE AUDITOR OF EACH COUNTY IN MAY 1879.

Counties.	Stoves and hollow ware. Tons made.	Car-wheels. Tons made.	All other castings. Tons made.
Belmont	325	----	185
Carroll	33	----	27
Clarke	----	----	600
Columbiana	1,890	----	135
Cuyahoga	10,000	15,000	----
Hamilton	12,000	2,400	17,200
Hocking	----	30	20
Huron	----	----	125
Knox	----	----	100
Lake	250	----	185
Lucas	----	----	150
Mahoning	4	----	962
Marion	----	----	20
Meigs	----	20	180
Miami	----	----	257
Montgomery	----	5,000	3,000
Muskingum	700	----	300
Perry	2	----	28
Pickaway	160	----	----
Portage	----	----	1,162
Sandusky	----	----	175
Scioto	600	----	250
Seneca	----	----	200
Stark	75	----	1,151
Summit	687	----	429
Trumbull	200	----	6
Washington	460	----	231
Wyandot	----	----	40
Totals	27,386	22,450	27,118

LOCOMOTIVE, STEAM ENGINES, AND BOILERS, SUGAR MILLS, PORTABLE SAW-MILLS, AND FARM IMPLEMENTS MANUFACTURED IN OHIO, AS REPORTED BY TOWNSHIP ASSESSORS TO THE AUDITOR OF EACH COUNTY IN MAY, 1879.

Counties.	Locomotives.	Steam engines.	Steam boilers.	Sugar mills.	Portable saw mills.		Reaping machines.	Mowing machines.	Threshing machines.	Plows.	Corn-planters.
	No built	No. made.	No. made.	No made.	No. made	No. in use.	No. made.	No. made.	No. made.	No. made.	No. made.
Ashland	...	...	...	...	11	11	...	...	...	...	...
Belmont	...	2	...	14	...	...	28	50	35	...	...
Brown	...	3	...	...	...	4	...	...	22	49	...
Butler	...	15	...	...	15	...	...	...	16	...	...
Carroll	...	...	...	...	...	...	...	...	...	135	...
Clarke	...	225	220	...	...	...	18,500	12,000	230	...	...
Columbiana	..	55	20	...	5	...	...	...	...	...	...
Crawford	...	26	...	...	...	...	...	...	...	50	...
Cuyahoga	15	100	220	...	...	...	...	...	...	...	...
Defiance	...	...	...	...	...	...	...	...	...	200	...
Delaware	...	...	...	...	...	7	...	...	...	...	...
Fairfield	...	...	...	...	...	13	...	...	...	...	...
Gallia	...	2	...	2	...	...	...	...	...	...	...
Geauga	...	...	...	...	...	4	...	...	...	...	...
Hamilton	3	264	48	...	40	...	...	...	62	1,084	...
Hardin	...	...	...	...	...	2	...	...	...	650	...
Hocking	..	...	...	...	..	...	...	...	...	100	...
Huron	2	...	2	...	..	...	...	...	...	400	...
Jefferson	...	...	...	...	...	4	...	...	...	...	...
Knox	...	240	...	...	70	11	...	...	...	...	...
Lake	...	18	...	...	...	...	...	...	...	100	...
Licking	...	13	...	...	9	..	...	...	...	...	...
Mahoning	...	...	5	...	...	3	...	...	...	100	...
Marion	...	30	35	...	1	14	...	...	...	...	...
Mercer	...	...	...	...	...	17	...	...	...	...	...
Miami	5	...	...	...	...	4	...	...	125	2,000	2,500
Monroe	...	...	...	...	...	11	...	...	...	...	...
Morgan	...	...	...	...	...	1	...	...	6	12,000	...
Muskingum	...	109	50	1	76	...	...	...	...	...	...
Perry	...	...	...	...	...	...	...	...	...	20	...
Pickaway	...	5	...	...	...	...	...	...	...	150	...
Portage	...	...	...	...	..	7	...	...	...	100	...
Richland	...	230	230	...	60	31	...	...	90	350	...
Ross	...	...	7	...	...	...	...	...	...	...	...
Sandusky	...	...	70	80	1	...	1,000	1,200	...	750	...
Scioto	...	5	12	...	...	1	...	...	...	...	...
Seneca	...	...	...	...	...	7	...	...	...	...	...
Shelby	...	...	...	...	...	...	...	...	...	700	...
Stark	...	130	...	...	...	...	...	...	613	50	...
Summit	...	4	35	...	..	4	9,000	11,000	...	600	...
Trumbull	...	10	8	...	3	...	...	...	...	...	...
Tuscarawas	...	...	...	...	...	2	600	600	...	200	...
Washington	...	1	10	12	...	4	...	...	...	988	...
Wayne	...	...	...	...	...	3	700	100	...	1,800	...
Wyandot	...	15	...	...	5	11	...	...	...	100	...
Totals	25	1,502	1,035	109	296	176	29,828	24,950	2,089	22,776	2,500

BOAT BUILDING IN OHIO AS REPORTED BY TOWNSHIP ASSESSORS TO THE AUDITOR OF EACH COUNTY IN MAY, 1879.

Counties.	Boats and barges built in Ohio in 1878.					
	No. steamboats.	Value of steamboats.	No. of flatboats.	Value of flatboats.	No. of barges.	Value of barges.
Adams	.....	.....	4	$875	.....	.....
Belmont	.....	.....	2	150	.....	.....
Brown	.....	.....	12	6,000	2	$1,000
Cuyahoga	3	$275,000	.....	.....	.....	.....
Hamilton	12	324,000	.....	.....	8	2,500
Meigs	.....	.....	1	400	4	3,000
Monroe	1	3,500	.....	.....	3	4,000
Morgan	.....	.....	1	75	.....	.....
Scioto	3	5,000	.....	.....	.....	.....
Washington	.....	.....	3	600	4	1,300
Totals	19	$607,500	23	$8,100	21	$11,800

TABLE SHOWING THE AMOUNT OF LIME AND WATER CEMENT PRODUCED, AND STONE-WARE MANUFACTURED IN OHIO AS REPORTED BY TOWNSHIP ASSESSORS TO THE COUNTY AUDITORS IN MAY, 1879.

Counties.	Lime.	Water cement.	Stone-ware.
	Number barrels made.	Number barrels. made.	Number gallons made.
Adams			3,000
Clarke	102,000		
Columbiana		21,000	15,000
Cuyahoga	73,574		
Defiance		5,000	
Delaware	540		
Erie	80,000		
Fayette	800		
Greene	108,250		
Guernsey			60,000
Hamilton	6,240		
Hancock	5,000		
Highland		6,166	10,000
Jefferson	500		
Logan	1,200		
Mahoning	4,126		124,400
Marion	20,000		
Mercer	750		
Morgan	306		72,000
Muskingum	400		905,900
Noble			44,000
Perry			356,500
Pickaway	100		2,400
Portage			200,000
Preble	8,000		
Sandusky	78,000		
Seneca	16,620		
Shelby	2,000		
Summit	6,000		3,540,000
Tuscarawas	4,520		20,000
Wayne	3,500		1,000
Wood	9,300		
Wyandot	1,100		
Totals	532,826	32,166	5,354,200

BUILDING STATISTICS.

COUNTY BUILDINGS.

TABLE SHOWING THE NUMBER AND VALUE OF COUNTY BUILDINGS IN OHIO, ERECTED WITHIN THE YEAR, TOGETHER WITH THE TOTAL NUMBER AND VALUE OF THOSE NOW EXISTING, AS REPORTED BY THE AUDITOR OF EACH COUNTY.

Counties.	County buildings erected within the year ending June 30, 1879.		All county buildings now existing.	
	Number.	Value.	Number.	Value.
Adams			3	$45,000
Allen			3	83,000
Ashland			3	40,000
Ashtabula			7	67,000
Athens			2	16,000
Auglaize			3	44,000
Belmont			7	104,500
Brown			4	90,000
Butler	*			
Carroll			5	15,000
Champaign			8	25,000
Clarke			6	100,000
Clermont			4	10,000
Clinton			3	100,000
Columbiana			3	180,000
Coshocton			3	115,000
Crawford			6	72,300
Cuyahoga	*			
Darke			3	190,000
Defiance			5	135,000
Delaware	1	$26,460	1	75,000
Erie			4	180,000
Fairfield			3	175,000
Fayette			4	*
Franklin			4	90,000
Fulton			4	80,000
Gallia	1	29,000	3	41,000
Geauga			6	108,250
Greene			4	129,000
Guernsey			3	25,000
Hamilton			5	3,200,000
Hancock			3	40,000
Hardin			3	75,000
Harrison			2	40,000
Henry			3	20,000
Highland			3	20,000
Hocking			4	40,000
Holmes			5	103,500
Huron			14	73,000
Jackson			3	59,250
Jefferson			3	275,000
Knox			4	225,000
Lake			3	50,000
Lawrence			4	44,000
Licking			5	250,000

NUMBER AND VALUE OF COUNTY BUILDINGS IN OHIO—Continued.

Counties.	County buildings erected within the year ending June 30, 1879.		All county buildings now existing.	
	Number.	Value.	Number.	Value.
Logan			3	$150,000
Lorain			2	20,000
Lucas	1	$4,000	4	117,500
Madison			2	45,000
Mahoning			3	135,000
Marion	1	23,250	3	28,100
Medina			3	50,000
Meigs			2	25,0 0
Mercer			5	101,000
Miami	2	19,000	6	114,000
Monroe	1	7,722	3	52,000
Montgomery			5	800,000
Morgan			3	40,000
Morrow			3	50,0 0
Muskingum			5	350,000
Noble			3	40,000
Ottawa			4	25,000
Paulding			4	30,000
Perry	1	1,500	3	27,000
Pickaway			2	150,000
Pike			3	50,000
Portage			3	70,000
Preble	*			
Putnam			4	42,500
Richland			2	193,325
Ross			3	300,000
Sandusky			3	60,000
Scioto			5	100,000
Seneca	*			
Shelby			3	116,000
Stark			4	210,000
Summit			3	160,000
Trumbull				100,000
Tuscarawas			3	25,000
Union			3	70,000
Van Wert			4	120,000
Vinton			5	36,000
Warren			4	150,000
Washington			8	60,000
Wayne				180,000
Williams			5	45,000
Wood			3	40,000
Wyandot	*			
Totals	8	$110,972	314	$11,333,925

* Not reported.

TABLE EXHIBITING THE NUMBER AND VALUE OF NEW STRUCTURES IN EACH COUNTY IN OHIO, AS REPORTED BY COUNTY AUDITORS, FOR THE YEAR ENDING APRIL 12, 1879.

Counties.	Churches.		County buildings.		Dwellings.		Factories.		Glass works.		Hotels.		Furnaces, iron.		Machine shops.		Flouring mills.	
	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.
Adams	....	.....	....	.....	33	$9,747	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Allen	....	.....	....	.....	145	46,975	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Ashland	....	.....	....	.....	91	47,300	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Ashtabula	....	.....	....	.....	76	25,951	4	$1,390	....	.....	....	.....	....	.....	....	.....	....	.....
Athens	....	.....	....	.....	48	16,460	....	.....	....	.....	....	.....	....	.....	....	.....	1	$950
Auglaize	....	.....	....	.....	63	20,905	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Belmont	....	.....	....	.....	70	36,421	....	.....	....	.....	....	.....	....	.....	....	.....	1	2,500
Brown	....	.....	....	.....	73	25,221	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Butler	....	.....	....	.....	105	87,530	2	26,910	....	.....	....	.....	....	.....	....	.....	....	.....
Carroll	....	.....	....	.....	41	22,875	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Champaign	1	$20,000	....	.....	115	68,710	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Clarke	3	4,100	....	.....	282	157,650	....	.....	....	.....	....	.....	....	.....	2	$31,000	....	.....
Clermont	....	.....	....	.....	119	39,525	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Clinton	....	.....	....	.....	75	36,130	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Columbiana	....	.....	....	.....	154	75,540	3	9,000	....	.....	....	.....	....	.....	....	.....	....	.....
Coshocton	1	3,000	....	.....	49	20,840	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Crawford	....	.....	....	.....	40	40,000	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Cuyahoga	....	.....	....	.....	501	270,460	....	.....	....	.....	1	$300	....	.....	2	2,800	1	800
Darke	....	.....	....	.....	166	54,200	1	1,000	....	.....	....	.....	....	.....	....	.....	....	.....
Defiance	3	8,000	....	.....	127	29,600	4	6,100	....	.....	1	8,000	....	.....	....	.....	1	1,700
Delaware	....	.....	....	.....	109	43,380	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Erie	....	.....	....	.....	65	18,805	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Fairfield	1	4,000	....	.....	129	52,230	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Fayette	....	.....	....	.....	58	34,590	....	.....	....	.....	....	.....	....	.....	1	250	....	.....
Franklin	....	.....	....	.....	358	433,000	....	.....	....	.....	1	40,000	....	.....	....	.....	1	150
Fulton	....	.....	....	.....	47	8,955	....	.....	....	.....	....	.....	....	.....	....	.....	2	4,000
Gallia	....	.....	....	.....	50	20,075	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Geauga	....	.....	....	.....	39	14,640	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Greene	....	.....	....	.....	61	57,705	1	2,500	....	.....	....	.....	....	.....	....	.....	....	.....
Guernsey	....	.....	....	.....	38	12,575	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....

Hamilton					658	1,027,064										
Hancock					123	49,810										
Hardin	2	8,000			170	58,100										
Harrison					33	15,200										
Henry	1	1,200			22	7,400			1	1,500						
Highland					54	15,550										
Hocking					39	10,265	1	625								
Holmes					65	40,000										
Huron					104	33,550							3	420		
Jackson					28	6,900										
Jefferson					35	35,550			1	$4,000						
Knox					104	35,501										
Lake					49	24,750										
Lawrence					116	29,920										
Licking					102	44,160										
Logan					93	35,250									1	5,000
Lorain	2	26,000			103	37,420										
Lucas					125	98,550	1	2,100			2	12,300				
Madison					45	35,655										
Mahoning					80	41,000							20	5,763		
Marion			1	$23,250	85	43,810										
Medina					54	26,400										
Meigs					31	7,075										
Mercer	2	4,000			91	22,540					1	800				
Miami			2	19,000	30	48,898	1	400								
Monroe					37	11,490										
Montgomery					232	198,116										
Morgan					35	9,342										
Morrow	1	600			61	37,700									1	1,500
Muskingum					162	64,300			1	1,200	1	14,720				
Noble					14	4,725										
Ottawa					45	17,500					1	1,000				
Paulding					20	3,725	1	2,000							1	2,000
Perry					80	26,090										
Pickaway					56	35,445										
Pike					33	12,450									1	400
Portage					81	28,390	1	400								
Preble	3	12,000			51	32,350							2	3,200		
Putnam	3	75,000			54	11,320										
Richland	1	2,000			110	86,900					1	$5,000				
Ross					143	67,465	1	6,000								
Sandusky					86	69,468									1	10,000

TABLE EXHIBITING THE NUMBER AND VALUE OF NEW STRUCTURES IN EACH COUNTY IN OHIO, AS REPORTED BY COUNTY AUDITORS, FOR THE YEAR ENDING APRIL 19, 1870.

Counties.	Churches.		County buildings.		Dwellings.		Factories.		Glass works.		Hotels.		Furnaces, iron.		Machine shops		Flouring mills.	
	No.	Value.	No.	Value.	No.	Value.	No.	Value	No.	Value	No	Value.	No	Value.	No	Value.	No	Value
Adams					33	$9,747												
Allen					145	46,075												
Ashland					91	47,300												
Ashtabula					76	25,95	4	$1,300										
Athens					48	16,46											1	$000
Auglaize					63	20,905												
Belmont					70	36,42											1	9,000
Brown					73	25,92												
Butler					105	87 10	2	90,010										
Carroll					41	22,87												
Champaign	1	$20,000			115	0												
Clarke	3	4,100			282	167 650												
Clermont					119	30 525												
Clinton					75	30, 30												
Columbiana					154	75,540	3	9,000										
Coshocton	1	3,000			49	20,840												
Crawford					40	40,000												
Cuyahoga					501	270,460					1	000					1	000
Darke					106	54,200	1	1,000										
Defiance	3	8,000			127	29,600	4	6,100			1	8,000					1	1,700
Delaware					109	43,380												
Erie					65	18,805												
Fairfield	1	4,000			129	52,230												
Fayette					58	34,590									1	000		
Franklin					358	433,000					1	40,000					1	100
Fulton					47	8,955											1	4,000
Gallia					50	20,075												
Geauga					39	14,640												
Greene					61	57,705	1	2,500										
Guernsey					38	12,575												

Pickaway	1	150	....	.....	1	1,000	2	2,541	....	.....	3	1,000	13	3,300	76	43,436
Pike	....	.....	....	.....	....	.....	....	.....	....	.....	1	100	10	2,210	45	15,160
Portage	2	1,800	....	.....	....	.....	....	.....	3	950	3	520	58	16,190	148	48,250
Preble	2	3,200	....	.....	....	.....	4	3,600	....	.....	....	.....	69	17,325	131	71,675
Putnam	....	.....	....	.....	....	.....	....	.....	3	4,000	....	.....	30	6,175	90	96,495
Richland	....	.....	....	.....	....	.....	3	4,810	1	600	....	.....	56	18,600	172	118,110
Ross	1	125	....	.....	1	600	4	2,000	6	7,950	3	310	11	3,225	170	87,675
Sandusky	....	.....	1	12,000	....	.....	....	.....	4	2,000	....	.....	69	29,150	161	122,633
Scioto	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	.....	.....	48	13,810
Seneca	....	.....	....	.....	....	.....	....	.....	2	3,000	....	.....	41	13,025	183	78,345
Shelby	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	.....	.....	74	36,350
Stark	1	800	....	.....	....	.....	....	.....	3	2,500	....	.....	59	29,600	176	160,760
Summit	....	.....	....	.....	....	.....	7	8,000	9	24,700	15	23,000	61	18,200	264	170,560
Trumbull	2	2,100	....	.....	....	.....	....	.....	....	.....	....	.....	38	7,735	133	43,740
Tuscarawas	....	.....	....	.....	....	.....	....	.....	....	.....	5	1,175	21	6,875	110	49,300
Union	....	.....	....	.....	....	.....	4	3,500	....	.....	....	.....	35	6,000	91	32,300
Van Wert	....	.....	....	.....	....	.....	9	6,000	2	1,339	....	.....	.....	.....	54	43,734
Vinton	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	8	1,695	27	6,960
Warren	....	.....	....	.....	....	.....	....	.....	3	2,700	1	1,200	17	5,200	75	51,375
Washington	....	.....	....	.....	....	.....	9	10,691	11	18,320	....	.....	37	5,135	120	52,962
Wayne	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	29	8,170	134	55,920
Williams	....	.....	....	.....	....	.....	8	12,713	5	2,500	....	.....	32	6,750	128	46,713
Wood	1	1,300	....	.....	1	500	13	12,260	9	3,000	5	1,330	48	6,970	224	62,210
Wyandot	2	1,100	1	800	....	.....	6	6,000	6	3,450	....	.....	.....	.....	88	52,390
Totals	23	$17,780	10	$29,850	11	$15,790	124	$147,157	264	$412,054	214	$115,810	2,240	$625,931	11,417	6,877,459

TABLE EXHIBITING THE NUMBER AND VALUE OF NEW STRUCTURES IN EACH COUNTY IN OHIO—Continued.

Counties.	Churches.		County buildings.		Dwellings.		Factories.		Glass works.		Hotels.		Furnaces, iron.		Machine shops.		Flouring mills.	
	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.
Scioto	....	.....	....	.....	48	$13,810	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Seneca	....	.....	....	.....	140	62,320	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Shelby	....	.....	....	.....	74	36,350	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Stark	....	.....	....	.....	113	127,860	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Summit	....	.....	....	.....	172	96,660	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Trumbull	....	.....	....	.....	91	32,305	....	.....	....	.....	2	$1,600	....	.....	....	.....	....	.....
Tuscarawas	....	.....	....	.....	83	39,750	....	.....	....	.....	....	.....	....	.....	....	.....	1	$1,500
Union	2	$4,000	....	.....	50	18,800	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Van Wert	3	25,000	....	.....	39	9,895	....	.....	....	.....	1	1,500	....	.....	....	.....	....	.....
Vinton	....	.....	....	.....	19	5,265	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Warren	....	.....	....	.....	51	37,475	3	$4,800	....	.....	....	.....	....	.....	....	.....	....	.....
Washington	....	.....	....	.....	61	17,816	2	1,000	....	.....	....	.....	....	.....	....	.....	....	.....
Wayne	....	.....	....	.....	105	47,750	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Williams	....	.....	....	.....	83	24,750	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....
Wood	....	.....	....	.....	144	30,030	1	520	....	.....	....	.....	....	.....	....	.....	2	6,300
Wyandot	2	5,000	....	.....	69	32,840	1	1,200	....	.....	....	.....	....	.....	....	.....	1	2,000
Totals	31	$201,900	3	$42,250	8,408	$5,028,779	28	$65,945	2	$5,200	12	$81,780	1	$5,000	30	$43,433	16	$38,800

TABLE SHOWING THE NUMBER AND VALUE OF NEW STRUCTURES, ETC.—Continued.

Counties.	Saw-mills.		Public halls		Railway station-houses.		School-houses.		Stores.		Shops and other business houses.		Miscellaneous.		Total number of buildings.	Total value.
	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.		
Adams									1	$3,500					34	$13,247
Allen									9	6,400	19	$3,315			173	56,690
Ashland			2	$1,500					1	700			34	$11,050	128	60,550
Ashtabula	3	$1,050							4	3,385			25	3,660	112	35,436
Athens									7	9,000			12	1,470	68	27,580
Auglaize					1	$1,000			1	450	1	100	36	7,840	102	30,295
Belmont									1	290			29	6,285	101	45,496
Brown									3	350	4	2,300	18	2,500	98	30,371
Butler							6	$7,109					20	6,960	133	128,509
Carroll									1	600					42	23,475
Champaign									3	6,530	3	2,600	23	6,460	145	104,300
Clarke			2	12,000			4	5,500	7	10,000	13	5,300			313	226,150
Clermont															119	39,525
Clinton							2	2,800					8	1,800	86	40,730
Columbiana									6	6,000	6	1,200	29	10,500	208	102,540
Coshocton													17	4,830	67	28,670
Crawford							2	15,000					53	12,020	95	67,020
Cuyahoga	1	400							37	131,485	24	40,780	77	24,505	644	471,530
Darke							3	3,276	6	4,525	8	1,380	54	13,165	238	77,546
Defiance	2	1,675							5	2,700	2	225	47	5,050	192	63,050
Delaware	1	680											23	5,370	133	49,430
Erie					1	3,500			3	1,500	2	240	37	7,570	108	31,615
Fairfield			1	250			9	14,000	2	1,350	3	1,060			145	72,890
Fayette							4	4,500					6	1,830	69	41,470
Franklin									17	68,000			45	33,500	422	574,650
Fulton	1	500					6	5,000	1	370	1	150	30	3,660	88	22,635
Gallia									1	400	1	1,000	13	1,826	65	23,301
Geauga	1	100							3	660	7	2,175	23	4,870	73	22,445
Greene			1	500					4	4,000	1	700	28	10,475	116	75,880
Guernsey									2	1,300			10	1,375	50	15,250
Hamilton													64	29,260	722	1,056,324
Hancock									3	6,500	4	1,200	28	12,690	158	90,700

TABLE SHOWING THE NUMBER AND VALUE OF NEW STRUCTURES, ETC.—Continued.

Counties.	Saw-mills.		Public halls.		Railway station houses		School-houses.		Stores.		Shops and other business houses.		Miscellaneous.		Total number of buildings.	Total value.
	No.	Value.	No.	Value.	No.	Value.	No	Value.	No.	Value.	No.	Value.	No.	Value.		
Hardin															172	$66,100
Harrison									2	$700			8	$1,600	43	17,500
Henry					1	$250	3	$1,500	4	2,560	6	$1,500			38	16,210
Highland									1	500	1	150	11	500	67	17,000
Hocking							1	500							41	11,390
Holmes							2	3,200							67	43,200
Huron									5	7,300			45	7,810	157	49,080
Jackson													2	200	30	7,100
Jefferson					1	4,000			3	530			22	6,930	62	51,010
Knox					2	1,740							38	9,190	144	46,431
Lake							2	3,000	1	200	2	200	27	6,600	81	34,750
Lawrence									2	4,200			5	2,040	123	36,160
Licking							2	2,057					34	10,325	138	56,542
Logan	2	$2,800							7	4,010	2	2,000	25	6,350	130	55,410
Lorain									5	4,850	3	2,800	50	6,200	163	77,270
Lucas									4	11,100			46	28,785	178	152,835
Madison							2	3,000	4	3,300	10	1,720	25	4,515	86	48,240
Mahoning			1	$800	1	3,000							30	10,000	132	60,563
Marion									2	540	1	700	24	5,190	113	73,490
Medina									4	4,350	32	7,100			90	37,850
Meigs									4	6,300	3	300	13	2,650	51	16,325
Mercer			1	2,000	1	200	5	2,500	6	1,310	5	1,710	28	4,660	140	39,720
Miami									3	1,600			27	16,310	63	86,198
Monroe											6	1,750	17	2,750	60	15,990
Montgomery													68	24,695	300	222,841
Morgan													1	100	36	9,452
Morrow							2	1,500			3	1,000			68	42,300
Muskingum									1	1,740			94	20,530	259	102,490
Noble													12	1,460	26	6,185
Ottawa									4	5,760	4	2,420	41	2,490	95	29,230
Paulding									1	100	1	100	4	700	28	8,625
Perry									6	2,900			2	500	88	29,540

Pickaway	1	150	....	.....	1	1,000	2	2,541	....	.....	3	1,000	13	3,300	76	43,436
Pike	....	.....	....	.....	....	.....	....	.....	....	.....	1	100	10	2,210	45	15,160
Portage	2	1,800	....	.....	....	.....	....	.....	3	950	3	520	58	16,190	148	48,250
Preble	2	3,200	....	.....	....	.....	4	3,600	....	.....	....	.....	69	17,325	131	71,675
Putnam	....	.....	....	.....	....	.....	....	.....	3	4,000	....	.....	30	6,175	90	96,495
Richland	....	.....	....	.....	....	.....	3	4,810	1	800	....	.....	56	18,600	172	118,110
Ross	1	125	....	.....	1	600	4	2,000	6	7,950	3	310	11	3,225	170	57,675
Sandusky	....	.....	1	12,000	....	.....	....	.....	4	2,000	....	.....	69	29,150	161	122,639
Scioto	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	.....	.....	48	13,810
Seneca	....	.....	....	.....	....	.....	....	.....	2	3,000	....	.....	41	13,025	183	78,345
Shelby	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	.....	.....	74	36,350
Stark	1	800	....	.....	....	.....	....	.....	3	2,500	....	.....	59	29,600	176	160,760
Summit	....	.....	....	.....	....	.....	7	8,000	9	24,700	15	23,000	61	18,200	264	170,560
Trumbull	2	2,100	....	.....	....	.....	....	.....	....	.....	....	.....	38	7,735	133	43,740
Tuscarawas	....	.....	....	.....	....	.....	....	.....	....	.....	5	1,175	21	6,875	110	49,300
Union	....	.....	....	.....	....	.....	4	3,500	....	.....	....	.....	35	6,000	91	32,300
Van Wert	....	.....	....	.....	....	.....	9	6,000	2	1,339	....	.....	.....	.....	54	43,734
Vinton	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	8	1,695	27	6,960
Warren	....	.....	....	.....	....	.....	....	.....	3	2,700	1	1,200	17	5,200	75	51,375
Washington	....	.....	....	.....	....	.....	9	10,691	11	18,320	....	.....	37	5,135	120	52,962
Wayne	....	.....	....	.....	....	.....	....	.....	....	.....	....	.....	29	8,170	134	55,920
Williams	....	.....	....	.....	....	.....	8	12,713	5	2,500	....	.....	32	6,750	128	46,713
Wood	1	1,300	....	.....	1	500	13	12,260	9	3,000	5	1,330	48	6,970	224	62,210
Wyandot	2	1,100	1	800	....	.....	6	6,000	6	3,450	....	.....	.....	.....	88	52,390
Totals	23	$17,780	10	$29,850	11	$15,790	124	$147,157	264	$412,054	214	$115,810	2,240	$625,931	11,417	6,877,459

BUILDINGS AND OTHER PROPERTY DESTROYED BY FIRE, ETC.

TABLE SHOWING THE VALUE OF PROPERTY DESTROYED BY FIRE, FLOOD, OR OTHER CAUSES IN EACH COUNTY IN OHIO DURING THE YEAR ENDING JUNE 30, 1879, AS REPORTED BY COUNTY AUDITORS.

Counties.	Public buildings destroyed by fire.		All other buildings destroyed by fire		Buildings destroyed by other causes.		Other property destroyed by fire or flood.		Total.
	No.	Value.	No.	Value.	No.	Value.	No.	Value.	
Adams	....	.....	5	$1,337	....	.....	....	.....	$1,337
Allen	....	.....	6	1,750	....	.....	....	.....	1,750
Ashland	....	.....	8	5,450	....	.....	....	.....	5,450
Ashtabula	....	.....	11	3,200	....	.....	....	.....	3,200
Athens	....	.....	6	1,500	....	.....	....	.....	1,500
Auglaize	....	.....	1	100	1	$1,000	....	.....	1,100
Belmont	....	.....	10	3,627	2	5,826	....	.....	9,453
Brown	....	.....	5	2,057	3	579	....	.....	2,636
Butler	....	.....	15	13,930	....	.....	....	.....	13,930
Carroll	....	.....	....	.....	....	.....	....	.....	....
Champaign	....	.....	3	4,670	....	.....	....	.....	4,670
Clarke	....	.....	6	2,840	....	.....	....	.....	2,840
Clermont	....	.....	7	2,750	....	.....	....	.....	2,750
Clinton	....	.....	....	.....	....	.....	5	$2,077	2,077
Columbiana	....	.....	14	4,650	....	.....	....	12,000	16,650
Coshocton	....	.....	5	5,100	....	.....	....	.....	5,100
Crawford	....	.....	5	2,250	....	.....	....	.....	2,250
Cuyahoga	....	.....	18	7,765	....	.....	....	.....	7,765
Darke	....	.....	2	130	....	.....	....	.....	130
Defiance	....	.....	12	10,681	....	.....	....	.....	10,681
Delaware	....	.....	....	.....	....	.....	....	.....	....
Erie	....	.....	6	4,600	5	2,600	....	.....	7,200
Fairfield	....	.....	12	3,940	1	100	....	.....	4,040
Fayette	....	.....	1	300	....	.....	....	.....	300
Franklin	....	.....	....	.....	....	.....	....	.....	....
Fulton	....	.....	15	5,535	....	.....	....	.....	5,535
Gallia	....	.....	5	875	....	.....	....	.....	875
Geauga	....	.....	8	3,940	....	.....	....	.....	3,940
Greene	....	.....	9	6,110	....	.....	....	.....	6,110
Guernsey	....	.....	5	2,050	....	.....	....	.....	2,050
Hamilton	....	.....	57	105,270	....	.....	....	.....	105,270
Hancock	....	.....	10	5,470	....	.....	....	.....	5,470
Hardin	....	.....	9	3,040	....	.....	....	.....	3,040
Harrison	....	.....	8	4,850	....	.....	....	.....	4,850
Henry	....	.....	7	3,950	....	.....	....	2,500	6,450
Highland	....	.....	5	5,280	....	.....	....	.....	5,280
Hocking	....	.....	3	1,500	....	.....	....	.....	1,500
Holmes	....	.....	5	4,000	....	.....	....	.....	4,000
Huron	....	.....	3	3,000	....	.....	26	6,180	9,180
Jackson	....	.....	2	575	....	.....	3	1,650	2,225
Jefferson	....	.....	5	950	....	.....	....	.....	950
Knox	....	.....	6	1,942	7	1,544	....	.....	3,486
Lake	....	.....	11	5,012	....	.....	....	.....	5,012
Lawrence	....	.....	2	700	....	.....	....	.....	700
Licking	1	$35,000	8	5,050	....	.....	....	1,000	41,050
Logan	....	.....	8	5,191	....	.....	....	.....	5,191
Lorain	....	.....	5	2,000	....	.....	....	.....	2,000
Lucas	....	.....	9	60,000	13	10,554	....	.....	70,554
Madison	....	.....	3	1,900	....	.....	....	.....	1,900

BUILDINGS AND OTHER PROPERTY DESTROYED, ETC—Continued.

Counties	Public buildings destroyed fire.		All other buildings destroyed by fire.		Buildings destroyed by other causes.		Other property destroyed by fire or flood.		Total.
	No.	Value.	No.	Value.	No.		No.	Value.	
Mahoning	----	----	20	$4,790	----	----	55	$60,000	$64,790
Marion	----	----	2	370	----	----	----	----	370
Medina	----	----	2	600	----	----	----	----	600
Meigs	----	----	5	315	----	----	----	----	315
Mercer	----	----	3	500	----	----	----	----	500
Miami	----	----	5	12,840	----	----	----	----	12,840
Monroe	----	----	5	1,400	----	----	----	----	1,400
Montgomery	----	----	7	11,700	----	----	----	----	11,700
Morgan	----	----	8	3,791	----	----	----	----	3,791
Morrow	----	----	4	2,500	----	----	----	----	2,500
Muskingum	----	----	13	3,500	----	----	9	3,030	6,530
Noble*	----	----	----	----	----	----	----	----	246
Ottawa	----	----	22	31,025	----	----	----	----	31,025
Paulding	----	----	----	----	----	----	----	----	----
Perry	----	----	5	3,150	1	$6,000	----	----	9,150
Pickaway	----	----	3	1,200	1	1,500	----	----	2,700
Pike	----	----	1	150	----	----	----	----	150
Portage	----	----	2	620	----	----	----	----	620
Preble	----	----	5	3,070	----	----	----	----	3,070
Putnam	----	----	----	----	----	----	----	----	----
Richland	----	----	1	600	----	----	----	----	600
Ross	----	----	4	3,585	4	4,000	----	----	7,585
Sandusky	----	----	7	5,030	----	----	----	----	5,030
Scioto	----	----	5	1,190	1	3,000	----	----	4,190
Seneca	----	----	8	3,570	----	----	----	----	3,570
Shelby	----	----	3	960	----	----	----	----	960
Stark	----	----	15	4,200	----	----	----	20,000	24,200
Summit	----	----	14	54,800	----	----	----	----	54,800
Trumbull	----	----	19	7,985	----	----	----	30,000	37,985
Tuscarawas	----	----	3	600	----	----	3	500	1,100
Union	----	----	1	3,000	----	----	----	----	3,000
Van Wert	----	----	6	2,500	1	100	----	----	2,600
Vinton	----	----	1	200	----	----	----	----	200
Warren	----	----	3	1,806	----	----	----	----	1,806
Washington	----	----	5	1,385	15	4,733	----	----	6,118
Wayne	----	----	3	1,375	4	1,700	----	----	3,075
Williams	----	----	7	1,340	----	----	----	----	1,340
Wood	----	----	9	2,070	----	----	1	5,000	7,070
Wyandot	----	----	7	3,375	----	----	----	----	3,375
Totals	1	:35,000	580	$501,909	59	$43,236	96	$143,937	$724,328

*Noble county, one building destroyed by flood, value $246.

LABOR STATISTICS.

REPORTED BY TOWNSHIP ASSESSORS TO THE AUDITOR OF EACH COUNTY IN OHIO IN MAY, 1879.

Counties.	Furnaces, manufactories, and mines.				Mechanic arts, stores, and shops.				Fisheries.		Farm labor.		Contractors and employers of common labor.	
	Number of persons.		Average daily wages.		Number of persons.		Average daily wages.		Number of persons.	Average daily wages.	Number of laborers.	Average daily wages.	No. of laborers employed.	Average daily wages.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.						
Adams					38		$1 30				5	$0 80		
Allen	284		$1 30		224	59	1 23	$0 73			95	71	70	$1 21
Ashland	64		1 25		257	55	97	45			452	70	182	80
Ashtabula	42		1 28		249	40	1 14	51	4	$1 00	221	72		
Athens	500		1 32		2		1 00							
Auglaize	49	4	1 38		134	20	1 20	35			172	56	1	57
Belmont	1,728	47	1 71		234	37	1 66	80			319	69	130	127
Brown	18		1 20		264	45	78	36			719	64	250	90
Butler					650	222	1 57	78			205	58	48	1 09
Carroll					46	10	1 01	55			192	96	57	96
Champaign					205	18	1 04	86					257	1 00
Clarke	1,685		1 87		268	43	1 42	74			832	1 07	167	1 36
Clermont	5		1 25		76	138	1 12	65			261	62	15	1 03
Clinton	4		1 50		75	8	1 23	1 00			464	63	92	92
Columbiana	750		1 33		740	142	1 41	74					142	96
Coshocton	180		1 34		63	9	1 35	31			131	52	5	
Crawford					260	30	1 03	71			441	60		
Cuyahoga														
Darke	128		1 02		24	1	1 15	50			377	61	8	1 05
Defiance	631		1 35		54	8	1 35	66					20	1 10
Delaware	39		1 42		461	70	1 26	99			778	76	103	91
Erie	147		1 32		531	27	1 36	47	21	1 15	934	1 15		
Fairfield					121	11	1 11	1 06			601	51		
Fayette	2		91		2	72	1 00	25			888	70	58	1 18

Franklin														
Fulton	18		1 08		116	6	1 03	66			362	70	26	1 30
Gallia	139		1 35		54		1 72				8	52	39	77
Geauga	19		1 00		86	4	77	82			888	68	45	57
Greene	197	38	1 20		189	24	1 37	84			480	62	302	1 11
Guernsey	315		1 65								217	53	5	1 25
Hamilton														
Hancock	131	7	1 18		113	23	1 40	49			224	61	79	96
Hardin					112		1 40				178	60	12	96
Harrison	12	1	1 16		112	74	55	25			446	61	10	1 48
Henry	68		1 29		165	13	1 23	71			518	81	123	89
Highland	62		2 00		7	13	66				297	56		
Hocking	491		1 53		131		1 24				22	50	114	1 17
Holmes	59		1 64		25	5	1 16	1 00			99	47	914	45
Huron	43		1 37		584	11	1 56	1 00			541	77	40	1 00
Jackson	205		1 02		109	1	1 03	1 37			2	77	440	1 00
Jefferson	515		*4 63		72		1 44				145	71	118	86
Knox	105		1 65		213	20	1 50	1 00			266	88		
Lake	45		1 48		201	7	1 46	80	4	66	368	70	10	1 00
Lawrence	1,450		1 00										101	1 00
Licking														
Logan					66	3	1 23	24			367	65	17	98
Lorain	26		1 07		403	46	1 27	85	6	86	342	71	291	1 23
Lucas	929	84	1 41		3,202	473	1 40	69	76	105	299	77	466	1 09
Madison					168	50	1 46	41			635	76		
Mahoning	2,175		1 49		32	10	1 37	75			125	52	124	1 01
Marion	1		1 92		63	5	1 52	1 30			79	61		
Medina											263	75		
Meigs	656		1 25								35	62		1 00
Mercer	23		1 25		149	10	81	40			257	64	205	75
Miami	228	13	1 66		213	12	1 31	88			165	85	68	1 27
Monroe	28		1 10		41	74	1 00	38			219	57	50	62
Montgomery	349	57	1 58		1,653	116	1 62	65			415	70	196	1 12
Morgan	96	1	1 29		130	25	1 09	96			108	63	3	56
Morrow					27		1 11				446	61		
Muskingum	563													
Noble	70		1 41		93	8	1 19	55			445	61	244	72
Ottawa	125		1 00		69		1 14		8	137	54	59	53	1 40
Paulding														
Perry	382		1 36		15		1 54				5	50	66	1 30
Pickaway					205		1 31				1,184	60		
Pike					124	11	1 12	36			142	60	21	66

LABOR STATISTICS—Continued.

Counties.	Furnaces, manufactories, and mines.				Mechanic arts, stores, and shops.				Fisheries.		Farm labor.		Contractors and employers of common labor.	
	Number of persons.		Average daily wages.		Number of persons.		Average daily wages.							
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Number of persons.	Average daily wages.	Number of laborers.	Average daily wages.	No. of laborers employed.	Average daily wages.
Portage	61	.....	1 68	.....	275	3	1 73	46	.....	.....	515	86	51	1 22
Preble	11	1	1 30	.....	30	.....	1 00	.....	.....	.....	120	60	42	70
Putnam	101	.....	1 13	.....	34	1	1 05	1 00	.....	.....	230	58	60	98
Richland	315	.....	1 71	.....	274	74	1 38	54	.....	.....	534	61	151	1 22
Ross	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sandusky	348	14	1 29	.....	282	43	1 19	70	.....	.....	421	65	285	92
Scioto	467	4	1 95	.....	66	1	1 97	1 00	.....	.....	34	61	164	1 11
Seneca	20	.....	1 08	.....	402	72	1 64	83	.....	.....	490	60	74	1 17
Shelby	.....	.....	.....	.....	60	.....	1 00	.....	.....	.....	491	1 00	.....	.....
Stark	91	.....	1 44	.....	355	13	1 87	1 09	.....	.....	27	75	507	1 25
Summit	1,941	23	1 77	.....	253	9	1 70	1 00	.....	.....	425	92	444	1 24
Trumbull	893	13	1 28	.....	346	5	1 05	31	.....	.....	163	64	85	1 22
Tuscarawas	352	20	1 26	.....	64	11	1 18	66	.....	.....	196	67	98	1 02
Union	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	447	1 18	.....	.....
Van Wert	12	.....	1 02	.....	89	10	1 40	70	.....	.....	223	60	215	1 00
Vinton	37	.....	1 03	.....	.....	.....	.....	.....	.....	.....	189	72	11	98
Warren	46	24	1 17	.....	170	25	1 05	58	.....	.....	803	60	40	1 07
Washington	136	3	1 44	.....	16	4	1 05	76	.....	.....	42	55	29	80
Wayne	11	200	1 00	.....	180	154	1 18	62	.....	.....	1,121	72	98	1 22
Williams	60	.....	1 50	.....	197	26	73	50	.....	.....	400	60	.....	.....
Wood	129	1	1 22	.....	169	4	95	30	.....	.....	573	57	43	76
Wyandot	.....	.....	.....	.....	302	54	1 00	50	.....	.....	464	81	.....	.....
Totals	20,814	556			17,513	2,518			119		26,641		8,184	

NOTE—Owing to careless and incorrect reports, this table is *very incomplete*, the number of employes reported in all branches of labor being *greatly under* the actual number employed. In the city of Cincinnati alone, 67,145 hands were employed in 1879, and ten of the largest coal mines report an average of over two hundred employes in each. * Doubtless incorrect.

A CLASSIFIED AND COMPARATIVE STATEMENT OF THE NUMBER OF HANDS EMPLOYED IN THE MANUFACTURING INDUSTRY IN CINCINNATI, FOR THE YEARS 1850, 1860, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, AND 1878.

Classification.	1850.	1860.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Iron	6,075	3,835	10,029	10,723	10,786	10,237	9,146	8,713	8,300	7,341	7,588	7,710
Other metals	921	770	1,736	1,809	1,829	1,573	2,144	2,147	2,534	2,405	2,564	2,671
Wood	3,798	4 342	7,847	7,597	8,091	8,294	7,611	7,977	8,024	5,788	8,686	8,479
Leather	2,472	2,253	5,312	4,647	5,067	5,209	4,601	4,929	5,342	5,491	5,553	6,344
Food	3,982	787	1,657	2,334	1,363	2,621	2,610	4,957	4,535	4,631	4,366	4,458
Soap, candles, and oils	750	889	1,217	1,122	936	1,011	948	1,043	1,087	1,136	1,071	1,150
Clothing	3,198	10,440	13,019	12,363	12,770	14,503	13,925	15,198	15,682	15,128	16,904	16,511
Liquors	963	632	2,428	2,301	1,888	1,870	1,632	1,835	1,816	1,772	1,841	1,869
Cotton, wool, hemp, etc	880	626	1,226	1,035	852	898	885	832	944	1,085	1,272	1,097
Drugs, chemicals, etc	394	418	697	735	503	602	274	560	591	611	624	652
Stone and earth	841	950	2,273	2,209	1,511	1,568	1,393	2,199	2,181	2,075	2,225	2,014
Carriages, cars, etc	498	739	1,151	1,175	1,170	1,268	1,207	1,335	1,369	1,465	1,858	2,632
Paper, etc	1,073	229	535	452	452	432	234	662	901	961	999	1,675
Book binding and blank books	.....	101	488	424	372	353	319	635	620	590	519	500
Printing and publishing	.....	1,043	2,893	2,588	2,400	2,258	1,993	2,334	2,530	2,489	2,510	2,737
Tobacco	.....	539	4,131	3,886	4,068	3,549	3,187	3,260	3,201	3,410	3,400	3,880
Fine arts	393	159	278	250	266	144	268	363	367	334	340	378
Miscellaneous	2,289	2,348	2,337	4,177	2,919	2,018	2,638	1,990	2,104	2,211	2,421	2,388
Totals	28,527	30,268	59,354	59,827	58,443	58,508	55,015	60,999	62,218	60,723	64,709	67,145

TRADE AND COMMERCE

OF

CINCINNATI, 1878-79.

GENERAL REVIEW OF THE TRADE AND COMMERCE OF CINCINNATI.

BY SIDNEY D. MAXWELL,
Superintendent of Cincinnati Chamber of Commerce.

[From the Annual Report of the Superintendent of the Cincinnati Chamber of Commerce.]

The past year has been a notable one in the business annals of the country. Its advent marked the expiration of the bankrupt law, which at last carried with it a large number of persons throughout the country, who waited until the last moments to seek the shelter its provisions afforded, leaving the whole body distinguished for its financial soundness, and anxious, from continued losses, to be permitted once more to derive benefits from the transaction of business. The period for resumption steadily approached, with good reasons existing for the hope that the Secretary of the Treasury would be able to successfully carry out his purpose, and yet with more or less anxiety in the minds of many persons as to the result. When the first of January came, and gold awaited applicants, there were few in the list. They who wanted the precious metal had departed when the ability to make the exchange for paper became absolutely apparent. Thus a revolution had been accomplished by mere preparation for the events. It was not long after this, before whatever doubts had existed in the minds of men were entirely dispelled, and the whole country began to feel the pulsations of new life. Renewed faith in the integrity of the Government so aided its refunding operations that a material part of the national debt was changed in its character, thus largely reducing the annual expenses of the country. Extraordinary shipments abroad of American produce and manufactured goods, the approach of harvests of unparalleled richness in this country, and the serious failure of crops in Europe, all combined, before the close of the year, to thoroughly inspire the business men of the country with the belief that we had entered on better times. As midsummer approached there was evidence everywhere of renewed activity in business walks. This was followed by increased demand for all kinds of manufactured goods, to supply depleted stocks, which at last filled manufacturers with orders that extended far into the new year. Prices, which, in the main,

had remained either stationary or had continued the shrinking process to which they had been subjected for years, received strength, which soon ripened into positive advance, and the whole country presented a condition of rejuvenated forces. In this improvement Cincinnati participated to an extent which was excelled by no other city. Her strength had not been diminished in any degree by the financial strain to which the country for five years had been subjected. Her machinery had been kept in good order, and her working forces were so well organized that the city was ready to respond to the first invitations to larger production. The merchants of the city found larger inquiry for goods, an increased number of cash orders and more promptly paid paper, and the hope thus inspired was the further strengthened by the near approach of the completion of the Southern Railroad, with all the benefits which such a consummation implies. The successful settlement of railroad conflicts and the improved business of the roads increased the value of our railroad property, which was never in better condition to promote the interests of the city. The river business, notwithstanding the untoward events of the year, was measurably favorable, and the new year approached with excellent promise for this main support to our general prosperity.

The year, as a whole, presents a favorable showing in its business results to the city. The acceleration coming, however, late in the commercial year, the aggregrates were not affected as will be those of the new commercial year. In aggregate values this will be specially the case, inasmuch as in many departments of business there was a material shrinkage in prices during fully one-half of the year. The receipts of grain were the largest in the history of the city, having been 11,263,275 bushels, with an aggregate approximate value of $6,849,787, in comparison with 11,165,697 bushels, and a value of $7,228,583 in 1877–8, and 7,600,432 bushels, and a value of $6,812,288 in 1874–5. The shipments were 5,022,591 bushels, with a value of $4,149,590, compared with 4,498,608 bushels, and a value of $3,995,233 in 1877–8. If to these figures were added through shipments, which are not embraced in these figures, it would swell the grand aggregate of imports to 18,151,595 bushels, in comparison with 15,950,597, and the exports to 11,910,911 bushels, compared with 9,283,508.

The business in provisions has been more favorable to our packers than the four preceding years. While the aggregate, however, as far as quantities of product is concerned, showed little change, the aggregate value, in consequence of much lower prices, was materially reduced. The aggregate shipments of the hog product for the commercial year were 157,537,933 pounds, in comparison with 153,239,511 pounds in

1877–8, while the receipts were 30,343,798 pounds, compared with 29,714,126 pounds. The approximate aggregate value of the shipments was $9,008,517, in comparison with $10,734,410 in 1877–8, and of the receipts $1,670,213, compared with $2,054,367 in the previous year. The number of hogs packed in the winter season of 1878–9 was 623,584 head, compared with 632,302 in 1877–8, with aggregate values, respectively, of $4,790,319 and $7,540,967.

In the whisky business, at this city, the year was one of the most favorable in many years. Taxes were faithfully collected, so that legitimate business was at no disadvantage, and the production of distilled spirits was materially increased. The production in Cincinnati and the adjacent Kentucky cities aggregated 12,684,922.8C proof gallons, in comparison with 10,392,515.09 gallons in the previous year, showing a gain of 2,292,407.71 gallons, or over 22 per cent. To the production here should also be added the receipts from distilleries tributary to this city, though not within the limits named, which would swell the total business in original or tax paid packages to 19,345,290 proof gallons, in comparison with 16,058,217 gallons in the previous year, with an approximate aggregate value in 1878–9 of $22,271,386. These figures do not embrace the value added here by redistillation, mixing, compounding, etc., which would materially swell the aggregate value, the quantity rectified in the past year in Cincinnati and the Kentucky cities having been 12,909,551.94 proof gallons, in comparison with 12,072,483.43, showing a gain of 837,068.49 gallons. The stamp taxes paid on this article alone in Cincinnati and the Sixth Kentucky District, for the year, aggregated $11.031,598.91, compared with $9,446,645.23 in 1877–8. The shipments from this city of distilled spirits of all kinds, including alcohol, were the equivalent of 423,366 barrels, an increase of more than 50,000 barrels over the previous year.

The business in cotton equaled, if it did not exceed, any previous year, and, on the whole, was a very satisfactory season's work, our business with the mills having been increased and with foreign countries fully maintained. The aggregate receipts were 248,069 bales, compared with 184,895 bales in the preceding year, and the shipments 244,532 bales, in comparison with 183,983. The aggregate approximate value of the receipts in the late year was $12,155,381, compared with $9,660,763, and of the shipments $12,165,467, in comparison with $9,613,111.

The business in flour was about maintained, the receipts having been 613,914 barrels, not embracing the product of our city mills, compared with 606,667, and the shipments 398,653 barrels, compared with 383,954 in 1877–8. The aggregate approximate value of the receipts and shipments was $4,550,159, compared with $4,754,976 in 1877–8.

The leaf tobacco business at Cincinnati, owing to a diminished crop in the tobacco cutting region in 1878, during the past year exhibited a reduction, although the receipts here did not fall off in proportion to the crop. The aggregate receipts at the warehouses, not embracing boxes, were 35,511 hogsheads, in comparison with 39,022 hogsheads in the previous year. The entire receipts at this city for the year was 78,137 hogsheads, with an approximate aggregate value, including also seed leaf and foreign, of $8,832,342, compared with 88,280 hogsheads, and a value of $7,885,090 in 1877–8, the large growth in value being traceable to the greatly increased prices which prevailed in leaf for cutting and plug purposes. In the manufacture of cut and plug tobacco, more than one-half of the year suffered greatly from the agitation incident to a reduction in tax, which at last occurred, to take effect May 1, 1879. The stimulation, however, which manufacturers sustained in the ensuing months, combined with increased production of plug tobacco, which has become an important department of our tobacco industry, resulted in Cincinnati and the adjacent Kentucky cities, in an increase over the previous year of 335,082⅜ pounds, the production in 1878–9 having been 4,642,211⅜ pounds, compared with 4,307,129 pounds. The number of cigars and cigarettes manufactured in the three cities was 98,389,000, compared with 104,935,275 in 1877–8. The total federal taxes paid by the three cities on the manufactures of tobacco aggregated $1,995,311.17, compared with $2,175,354.33.

In iron of all kinds a marked change has come over the trade. The aggregate sales of pig iron from first hands swept upward from 125,912 tons in 1877–8 to 212,281 tons in 1878–9, with an aggregate value, in the last year, of $4,583,146, in comparison with $2,875,830 in the previous year. In manufactured iron there was also marked improvement in values toward the close of the year, with largely increased receipts, which, during the year 1878–9, not embracing such as was reported in bundles and pieces, aggregated 68,528 tons, compared with 43,737 tons in the previous year. The business in stoves showed material acceleration, while the receipts of nails were the largest in the history of the city, having been 509,164 kegs, in comparison with 431,245 in 1877–8.

The business in groceries exhibited manifest improvement throughout the whole year, the benefits of an improved condition having been felt in this great department of our business somewhat in advance of others. Goods were sold on slender margins, but there was a small percentage of bad debts and the whole condition was favorable. Prices during the earlier parts of the year were lower in leading groceries, so that the aggregate values were somewhat reduced, and yet there appears little

doubt that the year, both in quantity and value, brought an increased aggregate to the general business. The receipts of coffee were 222,399 bags in comparison with 211,026 in 1877–8; of sugar, the equivalent of 286,341 barrels, compared with 252,582 barrels, and of molasses 42,337 barrels, compared with 51,572 barrels. The aggregate approximate value the coffee, sugar, molasses, and rice received for the year were $11,674,-191, in comparison with $13,141,282 in 1877–8. To these specific articles should be added teas, which are receiving increased attention from our merchants, direct imports having been made during the year with satisfactory results.

The low water of the summer seriously affected the coal receipts at this city, which showed a reduction of 4,681,562 bushels, the aggregate receipts of the late year having been 34,210,667 bushels, with an approximate aggregate value of $2,599,138, compared with 38,892,229 bushels, and a value of $3,007,260 in the previous year. Of the total receipts, the river contributed 31,305,067 bushels, or 91.5 per cent. of the whole, and the railroads 2,905,600 bushels, or 8.5 per cent. There were shipped from the city during the past year 6,494,600 bushels. The late year to dealers was the only one presenting even measurably favorable features in a period of six years, and during this the benefit came at a late period in the year.

The manufacture of candles and soap was prosecuted with great vigor during the year, the aggregate production of the latter having been largely in excess of any previous year. The total shipments of soap, not embracing such as was consumed here, aggregated 448,972 boxes, compared with 366,802 in 1877–8. The shipments of candles were 222,360 boxes, in comparison with 231,727. The aggregate shipments of soaps show an increase in four years of 177,336 boxes. These goods found sale in nearly all parts of the United States.

The entire business in the salt manufactured by the Ohio River and Kanawha furnaces is now transacted through Cincinnati, and might legitimately be classed as a part of the business of this city, though only such salt as was actually received here appears in the business of the year. The actual receipts show an increase over the previous year, having been 281,285 barrels, in comparison with 255,167 barrels in 1877–8. The aggregate approximate value of the salt of all kinds actually received was $361,511, in comparison with $311,491 in the preceding year.

The production of malt liquors, which was the largest in the history of the city, aggregated, in Cincinnati, Covington, and Newport, 18,799,919 gallons, compared with 18,444,261 gallons in 1877–8, with an approximate aggregate value of $4,699,980, in comparison with $4,601,157 in the previous year.

The business in hogs, cattle, and sheep shows an increase over the preceding year. The receipts of hogs were 1,067,453, with an approximate value of $8,444,835, compared with 1,043,334 head and a value of $11,114,772 in 1877–8; of cattle, 182,954 head, with a value of $8,162,176, in comparison with 173,987 head and a value of $8,226,196; and of sheep, 404,574 head, with a value of $1,685,590, compared with 362,493 head, with a value of $1,499,042, showing a total of the three kinds of stock, of 1,654,981 head, compared with 1,579,814 head, with an aggregate approximate value in 1878–9, of $18,292,601, in comparison with 20,840,010 in 1877–8. The receipts of horses (embracing also mules) for the year were, approximately, 17,998 head, with an aggregate value of $1,217,204, in comparison with 16,506 head and a value of $1,209,889.

The trade in petroleum in the past year far exceeded any previous year, the sales of all kinds from first hands having reached 286,804 barrels, with an approximate aggregate value of $1,876,785, compared with 217,294 and a value of $1,521,058 in the preceding year. Of the former there were 251,098 barrels of illuminating oils, in comparison with 183,509 in 1877–8.

The production of starch, for which this city is so distinguished, aggregated 24,766,328 pounds, with an approximate aggregate value of $646,077, compared with 21,841,156 pounds, and a value of $725,000 in the previous year, showing an increase in production of 2,925,172 pounds. Notwithstanding these large results, which now find sale in all parts of this country and Europe, the capacity of the works here will still be materially increased during the coming year.

The business in foreign fruits exhibits a large increase, with a more satisfactory situation generally than has been witnessed in many years. The receipts and shipments of dried fruits show a material falling off, with prices so low that it seriously affected the aggregate value. The receipts of green apples were the largest the trade here has ever enjoyed, having been 239,275 barrels, 151,618 barrels of which were shipped from the city.

Notwithstanding the greatly reduced prices during most of the year, there was, especially toward the close, a materially improved condition to the paper business of this city. The production of papers of all kinds in the district tributary to the city was 48,336,918 pounds, with an aggregate value of $2,859,768, in comparison with 47,347,415 pounds, and a value of $3,085,340 in the preceding year. To produce this there were employed 34 mills, 1,302 hands, cash capital to the amount of $1,507,500, and real estate aggregating in value $2,082,000.

The year to the tanners and leather dealers was more satisfactory than

a number of preceding seasons. There was a materially increased production, with a demand from the consumers of this city, which was materially increased during the year, both from manufacturers of boots and shoes, and of harness and saddlery. The receipts comprised 36,344 bundles, and the shipments 39,965, compared with 28,371 bundles and 37,491, respectively, in the preceding year. The business in hides also exhibited manifest increase, the aggregate receipts by public and private conveyances having been, approximately, 12,709,622 pounds, compared with 10,000,000 pounds in 1877 8. If to this were added the hides from cattle slaughtered here, it would swell the quantity available here for home consumption and commercial purposes, approximately, to 19,000,000 pounds.

There were slightly increased receipts of broom corn, which aggregated for the year 1,441,800 pounds. The business in brooms did not equal the previous year, though the production here was greater and the shipments aggregated, approximately, 19,200 dozens. The receipts of peanuts reached 298,340 bushels, in comparison with 276,505, and the shipments 249,255 bushels, in comparison with 355,625 in the previous year. The aggregate receipts of hops were 7,982 bales, compared with 8,666 in 1877-8, much the large part of which found consumption here. The receipts of hemp reached 32,420 bales, compared with 22,479 in the preceding year, and in this connection it may be stated, that both the business and manufacture of cordage during the year exhibited encouraging improvement.

The receipts of hay, both by public and private coveyances, were equivalent, approximately, to 203,823 bales, with an aggregate value of $302,677, in comparison with 181,376 bales and a value of $247,383 in the preceding year. The receipts of bran, middlings, etc., aggregated 12,705 tons with an aggregate value of $150,782, compared with 11,052 tons and a value of $154,412 in 1877 8. The business in clover, timothy and grass seed about held its own, the receipts having been represented by 55,712 bags, in comparison with 53,865 in 1877-8.

Both the receipts and shipments of butter exhibit an increase over the preceding year, the former having been 126,156 packages, compared with 121,042 in the preceding year, and the latter 43,103 packages, in comparison with 34 724, the gain having all taken place since the first of May. To this should be added the oleomargarine, or butterine, of which there was produced here, in the past year, 571,076 pounds, nearly all of which was shipped from this city to other markets. The business of the year in cheese shows some reduction, though the receipts since

the first of May exhibited a marked increase. The aggregate receipts in 1878-9 were 104,664 boxes, compared with 108,326 the previous year. The receipts of eggs were 106,786 packages, in comparison with 110,480 packages in the previous year, neither of them embracing the eggs that arrive in wagons, which would greatly swell the figures, though the quantity is unknown.

The business in wool shows a large increase, both in quantity and value. The receipts aggregated 29,771 bales, with an approximate aggregate value of $1,339,695, in comparison with 20,182 bales and a value of $988,918. The lumber business of the city shows a large increase. The receipts aggregated, approximately, 114,000,000 square feet, compared with 89,000,000 in the preceding year. The business in naval stores, generally, did not differ materially from 1877 8, save that prices were extremely low. The entire receipts aggregated 41,963 barrels, compared with 40,911. The receipts of lead aggregated 129,212 pigs, of 10,136,960 pounds, exhibiting a material increase over 1877-8. The business in potatoes was the largest since 1875-6, the receipts reaching 180,209 barrels and sacks, 102,541 barrels of which were sent away. There were largely increased receipts of beans, which aggregated, for the year, 36,736 bushels, compared with 17,125 in the preceding season. The receipts of feathers were represented by 9,789 sacks, compared with 12,006 in the previous year.

The production of cooperage, compared with the previous year, was no more than maintained, save in beer cooperage, which showed large increase. The receipts from the country, too, were larger, having aggregated 334,533 pieces, compared with 287,667. Nature was generous in the production of ice in the winter of 1878 9, so much so, that the ice-houses of Cincinnati and those within a radius of fifty miles supplied the entire market, the quantity put up being estimated at 200,000 tons. Prices were extraordinarily low, ranging, by boat and car load, from $1.50 to $3 00 per ton, according to the season. A large and growing business, at Cincinnati, is found in vegetables, small fruits and oysters, which are received in immense quantities, and which, in turn, with the large production of the former in this locality, find distribution over a wide area, through the commission houses and dealers of this city.

To these brief features of the business in specific commodities should be added the business in the wide range of dry goods, silk and millinery goods, and ladies' cloaks and suits; gentlemen's, boys' and children's clothing; boots and shoes; hats, caps and furs; hardware, crockery, glassware, drugs, chemicals, confections; school, law, medical and mis-

cellaneous books; paints and oils, silverware and jewelery, and other articles, the relation of which cannot be marked by the movement of packages. The same general features attached to the larger number of these departments of trade. The year was a transition period from the doubt and extreme caution which the shrinkage and trial of preceding years had created, into a faith which stimulated all movements. A most noticeable feature in some classes of goods, was the material decline in prices which marked the earlier part of the year, and which in some goods crowded closely upon the period of positive advance. While all did not feel the improvement in business at the same period, from the time it became apparent that the resumption of specie payment was a fixed fact, the conditions existed for an improvement, which, sooner or later, followed as a natural sequence.

The quantity of goods imported directly to Cincinnati from foreign countries, under the act of 1870, shows a material increase, having been, for the last fiscal year, according to the figures of R. H. Stephenson, Esq., Collector of Customs at this port, $896,541, in comparison with $632,528 in the preceding year. The total imports, under both the old and new laws, were $964,614, compared with $715,788. It will be seen from these figures, that the importation under the old law is steadily declining, the disposition of our merchants to avail themselves of direct importation, without incurring the delay and intermediate charges at the sea-board ports, incident to the old methods, having been more manifest during the late year than at any previous period since the new law went into operation. The merchants of Cincinnati can have foreign goods placed on their counters just as quickly as the same could reach the hands of the eastern merchant, so that there appears good reason not only for the steady growth of direct importation in the past, but for the expectation of larger results in the future. The exception of liquors from the operation of the law for direct importation, is particularly unfavorable to this city, because of her commanding position as a liquor market, and is a discrimination which should not exist. The total duties received from all classes for the year aggregated $412,977.10, in comparison with $305,041.72.

In the field of manufactures, there was less evidence of renewed vigor in the first half of the past year; but in the late months, on all sides, there were the most unmistakable indications of a permanent change for the better. In this improvement all departments more or less participated. The industries of this city were never in as favorable condition to promote the general prosperity. The necessities of the past five years

have been an excellent discipline to our manufacturers, who turned their characteristic energies to the development of cheaper processes and a more economical administration, which removed rom the cost of production enough to make, in the future, a material difference in the cost of manufactured articles. This, combined with the great variety of our manufactures, and the pecuniary ability which supports our industrial enterprises, must be of great service to us in occupying our full share of the world's field, which now invites American manufactures. The tables, which are given elsewhere, exhibiting the aggregate value, etc., of our manufactures in their several departments, for the year ending January 1, 1879, are taken from the valuable report of J. F. Blackburn, Esq., Secretary of the Board of Trade and Transportation of this city. They show the aggregate production of manufactured articles to have been $138,736,165, in comparison with $135,123,768. It is a noticeable fact that the number of establishments engaged and the number of hands employed were both larger than ever before in the history of the city, the former having been 5,272, and the latter 67,145. The cash capital invested in manufactures was $57,509,215, and the real estate occupied valued at $45,245,687. The aggregate value of production fell below the largest production of any previous year but $7,695,189. When the tremendous depreciation in values which has occurred is taken into consideration, the manner in which the production of the city has proceeded is remarkable, and speaks of our great industrial activity and strength with an emphasis that the isolated statement of the value of production for the late year would come far from expressing.

The figures showing the approximate aggregate value of the receipts and shipments of commodities at this city are, under the circumstances, very gratifying. Not embracing such as have no specific head, but which come under one class of general merchandise, the aggregate value of the receipts for 1878–9 was $122,026,047, in comparison with $119,533,199, and of shipments of $132,172,002, compared with $125,867,246. It will thus be seen, that while the receipts show a gain in specific commodities of $2,492,848, the shipments increased $6,304,756. When it is remembered that in many articles lower prices prevailed during much of the year, such a result as this indicates an improvement more important than many have expected. If to these figures were added the approximate value of the merchandise having no specific head, it would swell the total value of the receipts in the past year to $208,153,301, and the shipments to $192,338,337.

From this cursory review of the salient points of the detailed report which follows, the mind naturally turns to the splendors of the day, the

dawn of which, in many a golden hue, may be traced in the business of the past year. Cincinnati looks out upon a future of great promise. Her financial foundations are strong. Her industrial forces are active and enterprising. Her commercial energies are soon to find the amplest opportunity for their exercise in a new field, of great breadth and richness. Her facilities for education in the professions and the arts are inviting pupils from all parts of the land. Her musical facilities stand without a rival in this country. Her public spirited citizens are embellishing the city with works of benevolence and beauty, while her centrality, her accessibility, her healthfulness, her good schools, her churches, her libraries, her society, and her many objects of interest and enjoyment, invite alike the tourist and the seeker for a permanent residence, and furnish an invaluable supplement to her business attractions.

The aggregate value of the products of our manufacturing industry, the number of hands employed, the value of real estate occupied, the cash capital invested, and the number of establishments engaged at Cincinnati, for each year in which statistics have been compiled touching these particulars, will be found in the following table:

Years.	Number of establishments	Cash capital invested.	Value of real estate occupied.	Number of hands employed.	Value of production.
Total for year ending Jan. 1, 1841	*	*	*	9,040	$16,366,443
" " " " 1851	*	*	*	28,127	46,189,279
" " " " 1861	*	*	*	30,268	46,995,063
" " " " 1870	*	$45,225,586	$36,853,783	59,354	119,140,059
" " " " 1871	*	51,673,741	37,124,119	59,827	127,459,021
" " " " 1872	*	50,520,179	40,443,553	58,443	135,9[illegible],365
" " " " 1873	3,971	55,265,129	45,164,954	58,508	143,486,675
" " " " 1874	4,118	54,077,853	47,753,133	55,015	127,698,858
" " " " 1875	4,469	63,149,085	52,151,680	60,999	144,207,371
" " " " 1876	4,693	64,469,740	53,326,440	62,218	146,431,354
" " " " 1877	5,003	61,883,787	51,550,933	60,723	140,583,960
" " " " 1878	5,183	57,868,592	47,464,792	64,709	135,123,768
" " " " 1879	5,272	57,509,215	45,245,687	67,145	138,736,165

* Not reported.

The aggregate, annual, approximate value of the imports and exports, respectively, at Cincinnati, from 1854–5 to 1878–9, inclusive, appears in the following table:

Years.	Imports.	Exports.
1854–55	$67,501,311	$38,777,394
1855–56	75,245,901	50,509,146
1856–57	77,950,146	55,642,172
1857–58	83,644,747	52,906,506
1858–59	94,213,247	66,007,707
1859–60	103,347,216	77,037,188
1860–61	90,196,136	67,023,126
1861–62	103,292,893	76,449,862
1862–63	144,189,213	102,397,171
1863–64	389,790,537	239,079,125
1864–65	307,552,397	193,790,311
1865–66	362,032,766	201,850,065
1866–67	335,961,233	192,929,317
1867–68	280,063,948	144,262,133
1868–69	283,927,903	163,064,358
1869–70	312,978,665	193,517,690
1870–71	283,796,219	179,848,427
1871–72	317,646,608	200,607,040
1872–73	326,023,054	213,320,768
1873–74	331,777,035	221,536,852
1874–75	311,072,639	201,404,023
1875–76	294,214,245	190,[illegible]6,929
1876–77	260,892,540	191,4[illegible]6,531
1877–78	223,237,157	186,209,646
1878–79	208,153,301	192,338,337

Table showing the cash capital invested, the value of real estate occupied, and the number of hands employed, in the various classes of manufactures in the City of Cincinnati and immediate vicinity, together with the aggregate value of the production, and the number of establishments engaged in each, for two years:

Class of manufactures	Year ending January 1, 1879.					Year ending January 1, 1878.				
	No. of establishments.	Cash capital invested.	Value of real estate occupied.	No. of hands employed.	Value of production.	No. of establishments.	Cash capital invested.	Value of real estate occupied.	No. of hands employed.	Value of production.
Agricultural implements	6	$200,000	$168,000	193	$249,300	7	$226,000	$251,000	221	$318,800
Artificial limbs and trusses	4	17,000	16,300	21	35,200	4	15,400	17,000	16	27,960
Awnings and tents	12	21,000	29,000	38	41,000	11	14,800	21,900	36	37,500
Baking powder	12	17,000	18,300	66	145,500	10	12,000	20,000	51	169,300
Bellows and forges	3	38,000	25,000	37	38,000	3	53,000	41,000	39	45,000
Bells	3	63,800	39,000	40	138,600	3	70,000	48,000	41	169,100
Billiard tables	1	75,000	36,000	65	175,000	1	75,000	45,000	65	180,000
Blacksmithing	155	103,900	231,000	629	497,860	147	83,000	200,000	593	483,980
Blinds, venitian (see window shades for 1878)	....	.....	.....	.....	.....	3	2,500	3,500	8	3,850
Boilers	6	78,000	65,000	85	151,700	6	78,000	65,000	85	151,700
Book-binding and blank books	38	151,000	400,000	500	578,000	38	160,000	441,000	519	642,700
Book and newspaper publishing	98	1,900,000	1,687,750	1,887	3,413,900	91	1,837,000	1,794,000	1,731	3,583,700
Boots and shoes	580	2,730,000	1,389,000	5,179	5,560,242	567	1,831,000	1,091,000	4,410	4,317,949
Boxes, cigar	11	20,500	50,000	108	83,000	17	13,100	33,800	103	89,900
" paper	11	23,900	52,000	144	137,600	13	34,000	57,000	168	128,700
" wooden (packing)	9	221,000	197,000	141	276,000	10	207,000	191,000	141	273,300
Brackets and hat racks	8	84,000	68,000	160	206,000	6	67,800	47,200	151	148,060
Brass founding and finishing	23	334,500	219,000	327	568,850	22	321,000	208,700	266	431,613

THE MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

Class of manufactures.	Year ending January 1, 1879.					Year ending January 1, 1878.				
	No. of establishments.	Cash capital invested.	Value of real estate occupied.	No. of hands employed.	Value of production.	No. of establishments.	Cash capital invested.	Value of real estate occupied.	No. of hands employed.	Value of production.
Bread, crackers, etc	272	$420,000	$520,000	1,605	$2,431,300	269	$331,000	$491,000	1,500	$2,072,690
Brick	35	262,500	220,000	420	338,000	34	350,000	250,000	550	480,000
Bricklaying	33	120,000	.....	230	339,547	31	175,000	.....	260	549,585
Britannia ware	1	20,000	13,000	40	60,000	1	20,000	10,000	35	50,000
Brooms	10	12,000	16,000	5	33,900	9	12,300	16,000	39	29,700
Brushes and wire goods	17	90,900	102,800	209	214,200	17	96,580	113,700	248	234,200
Building materials (exclusive of brick and stone)	26	798,300	985,000	920	1,296,800	25	933,000	1,128,000	1,0.9	1,617,600
Bungs	4	24,500	49,500	21	47,304	3	25,668	49,600	17	49,931
Burial cases and hearses	7	335,000	228,000	347	616,000	7	343,000	260,000	339	623,860
Candles, soaps, and oils	33	1,900,000	1,388,700	1,100	8,108,427	33	1,865,000	1,513,500	1,021	7,895,030
Candy and other confections	15	163,500	164,000	245	810,000	19	258,500	216,000	295	846,713
Canned goods	4	118,000	51,000	720	468,000	4	108,000	51,000	680	403,000
Carpentering	181	188,000	270,000	893	902,596	176	200,000	240,000	1,052	1,522,614
Carpets	29	27,400	51,060	110	78,000	23	21,800	49,300	88	78,300
Carriages and buggies	61	934,000	645,000	1,719	2,645,485	58	651,700	523,500	1,207	1,468,084
Carriage and wagon materials	7	413,000	188,000	331	428,214	6	257,000	162,000	224	343,480
Cement, lime, and plaster	6	25,500	20,000	63	38,300	6	29,700	23,900	68	41,700
Cement felting (*o*)	1	5,000	3,000	6	10,000	1	5,000	3,000	6	10,000
Chair backs and frames	5	31,000	26,000	90	95,603	7	37,250	37,000	99	111,135
Charcoal, fuel (*a*)	11	12,000	.....	52	31,000	9	12,700	.....	47	26,800
" ground	3	9,500	11,000	13	35,000	3	9,700	12,800	13	37,200
Chewing gum (*o*)	1	500	3,000	8	20,000	1	500	3,000	8	20,000

Children's carriages, hobby horses, etc.	3	35,000	27,000	70	79,500	3	35,800	31,000	69	84,000
Cloaks, mantillas, dress trimmings, etc	16	230,000	200,000	1,500	723,000	16	190,000	225,000	1,255	647,830
Clothing and gents' furnishing goods..	385	3,771,300	3,188,000	12,780	9,462,700	411	4,145,140	3,819,000	13,831	10,131,300
Coffins	9	38,966	27,000	61	69,717	10	20,000	21,200	39	33,700
Coke	5	25,000	100,000	37	100,000	5	24,860	116,000	33	103,900
Coloring, dyeing, and laundry work...	59	95,000	104,000	232	181,700	53	96,200	98,000	214	173,800
Cooperage	84	246,000	207,000	684	843,000	81	243,300	218,500	632	628,000
Copper ware	7	21,000	36,300	30	79,610	7	15,900	43,000	32	91,870
Cordage	13	168,700	60,000	200	312,700	13	168,700	80,000	200	312.700
Cotton goods	4	241,000	341,000	344	533,000	4	233,000	353,000	312	516,000
Curled hair and bristles	7	159,55[illegible]	65,500	198	273,373	7	160,717	70,500	201	277,892
Cutlery and edge tools	8	37,500	42,000	35	91,000	9	43,600	47,000	33	98,400
Dental work	50	38,000	50,000	107	139,000	30	30,000	40,300	75	107,300
Drain pipe	4	15,000	20,000	38	41,000	4	15,400	23,000	35	49,400
Drugs, chemicals, and glycerine	20	839,000	425,000	270	1,831,000	21	917,000	500,000	268	2,181,500
Earthenware and queensware	9	155,000	162,000	300	238,700	9	169,000	177,000	296	257,500
Enameled iron ware and iron show cards	2	40,000	39,000	81	155,000	3	40,000	39,000	80	155,000
Engraving, glass	2	3,700	4,900	5	9,700	2	3,700	4,900	5	11 000
" metals	10	8,500	13,700	31	23,870	10	8,300	15,000	27	19,380
" wood	14	10,800	17,000	51	49,300	12	9,900	14,400	47	40,800
Excelsior	2	12.000	19,000	24	21,300	2	12,000	19 000	24	21,300
Fertilizers	4	193,000	54,000	133	304,000	4	182,000	54,000	121	297,000
Files	4	9,200	20,000	24	31,000	4	12,500	20,300	24	45,000
Fire alarm telegraph, etc	3	7,500	5,500	21	23,300	3	7,500	5,200	13	15,800
Fire-arms	6	5,000	3,000	10	8,000	6	4,800	3,500	14	9,000
Fire-brick, tile, clay, etc	5	40,000	40,000	40	51,700	5	40,500	40,000	40	51,700
Fire-works and explosives (a)	1	30,000	15,000	50	45,000	1	30,000	15,000	60	50,000
Fire-wood and kindling	3	5,200	6,000	31	22,000	4	3,300	4,500	24	16,000
Flag and banners	2	12,000	10,000	19	31,000	2	11,000	10,000	27	45,000
Flour and meal (h)	10	217,000	172,000	57	420,034	8	200,000	160,000	55	387,938
Flowers and floral work	23	115,000	400,000	85	220,000	22	130,000	455,000	83	217,500
Foundry facings	4	25,000	32,000	23	27,900	3	2,100	35,700	19	26,500
Frames and moldings	9	379,000	177,000	440	601,000	10	405,000	242,400	499	612,000
Furniture	131	3,321,000	2,980,000	3,722	6,535,734	139	3,094,700	3,392,600	3,852	6,888,194
Furs and gloves	7	65,000	55,000	93	163,800	7	66,000	60,000	85	158,400
Galvanized and sheet iron works	12	157,000	142,000	161	517,300	13	154,500	165,000	191	549,300
Gas	1	4,250,000	2,000,000	300	1,148,000	1	4,250,000	1,500,000	400	1,100,000
Gas meters and machinery	4	68,000	48,500	54	147,000	3	60 000	63,000	37	111,000
Glassware	1	150,000	100,000	220	200,000	1	200,000	110,000	220	200,000
Glass, stained and ground	5	10,000	10,000	20	29,000	6	11,200	13,300	24	22,360
Glue (a)	4	175,000	70,000	65	241,500	5	151,000	70,700	66	231,000
Gold foil	2	17,000	10,000	41	60,000	3	19,900	13,200	47	68,400

THE MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

Class of manufactures.	Year ending January 1, 1879.					Year ending January 1, 1878.				
	No. of establishments.	Cash capital invested.	Value of real estate occupied.	No. of hands employed.	Value of production.	No. of establishments.	Cash capital invested.	Value of real estate occupied.	No. of hands employed.	Value of production.
Gold pens, pencil cases, etc	1	$40,000	$25,000	40	$50,000	1	$50,000	$25,000	35	$50,000
Grease and tallow	9	118,000	69,000	50	417,000	7	94,000	52,000	50	398 900
Hardware	5	250,000	193,000	300	417,800	5	255,000	190,000	322	400,000
Harness and saddlery	57	275,000	310,000	297	555,200	61	288,000	305,000	296	573,500
Hats and caps	13	29,000	38,000	111	122,050	13	23,000	40,000	193	127,780
Hoop skirts and corsets	4	7,500	12,000	11	14,000	5	7,600	16 000	14	12,800
Horse collars and hames	3	28,000	19,500	58	63,880	4	31,000	21,000	49	58,700
Hosiery	12	47,100	35,000	208	133,732	10	43,500	34,000	208	133,232
Ice	3	550,000	400,000	300	100,000	6	200,000	600,000	200	500,000
Ink and blacking	8	41,000	40,000	47	147,000	7	33,000	40,000	43	124,800
Instruments, astronomical, engineering, etc	7	32,900	42,000	31	43,700	8	40,800	50,000	40	53,700
Instruments, musical	9	12,000	23,000	24	19,700	9	11,600	23,000	27	22,200
Iron, bolts and nuts	5	120,000	110,000	175	247.000	5	111,090	114,000	171	230,000
" castings, not otherwise specified	12	391,300	431,000	508	1,121,350	14	431,000	467,000	500	978,231
" forged and rolled, exclusive of blacksmithing	8	960,000	927,000	749	2,147,920	7	983.000	930,000	691	1,627,667
Iron, pig	.....	.....	.....	.....	451,000	.....	.....	.....	.....	264,000
" wrought (railing, jail work, etc)	10	160,000	207,000	185	220,297	8	160,000	202,500	197	217,384
Jewelry and silverware	13	290,000	230,000	333	718,000	11	321,500	209,000	327	679.000
Lard (b)	.....	.....	.....	.....	2,660,918	.....	.....	.....	.....	2,712,216
Lasts	1	2,500	3,500	9	8,500	1	2,500	3,500	8	7,970

Lead, sheet and pipe	3	114,000	43,000	18	438,000	2	120,000	40,000	19	450,000
Leather	45	1,076,000	833,000	621	2,913,613	43	1,131,060	860,200	594	1,850,090
Leather belting and hose	4	48,000	39,000	31	278,000	5	70,000	60,000	39	310,000
Lightning rods (a)	2	4,000	7,000	9	8,500	2	4,000	7,000	9	8,500
Liquors, distilled (d)	10	2,000,000	590,000	350	9,321,452	19	2,200,000	650,000	330	8,012,602
" malt (e)	27	3,000,000	2,785,000	949	5,257,561	27	3,000,000	3,350,000	138	5,139,585
" rectified (f)	75	2,180,000	620,000	500	9,206,963	73	2,230,000	700,000	500	9,642,124
" wine	....	....	....	....	200,000	....	....	....	....	250 000
Lithographing	8	197,000	127,000	194	331,700	9	210,000	141,000	180	297,900
Locks and locksmithing	20	93,000	72,000	119	104,700	20	84,280	85,000	94	87,196
Machinery (including steam gauges)	46	1,149,000	1,324,000	1,218	2,513,370	43	1,137,000	1,488,000	1,133	1,997,231
Malt (exclusive of that manufactured by brewers)	14	225 000	437,000	70	515,750	14	228,400	458,000	73	573,400
Malt kilns	3	15,000	29 000	18	28,700	4	19,000	40,000	22	35,000
Mantels and grates	6	172,516	179,000	160	271,862	6	180,124	193,000	161	285,010
Maps (a)	1	3,000	6,000	5	3,500	1	3,000	6,000	5	3,500
Mattresses and bedding	20	55,770	81,000	97	192,870	17	78,400	87,000	83	178 000
Millinery	486	413,000	450,000	1,480	953,800	558	378,000	450,000	1,343	825,600
Mills, stones and portable mills	6	218,000	194,000	213	407,000	5	275,000	215,000	220	438,000
Mineral water	16	141,000	179,000	185	417,400	18	169,000	209,000	991	423,338
Necklaces	5	4,900	9,500	21	10,210	4	4,700	10,000	18	9,100
Ornamental plaster	3	2,800	5,900	17	12,800	3	2,500	5,000	14	9,200
Paper, printing, wrapping, etc	29	800,000	1,500,000	1,200	3,085,340	6	531,000	520,000	475	969,302
" bags and flour sacks	8	108,000	105,000	136	507,217	6	126,000	120,000	151	549,302
" collars	1	10 000	15,000	8	15,000	2	12,000	15,000	13	19,000
" hangings	27	133,800	231,300	156	456,790	33	120,000	234,000	168	438,900
Painting fresco	6	13,100	9,000	38	27,443	6	10,000	10,000	31	23,720
" house and sign	149	104,300	123,000	351	481,790	124	69,200	101,300	343	503,931
Patent medicine	7	212,000	131,000	80	400,000	8	197,900	113,000	71	373,343
Patterns and models	23	28,319	46,900	61	67,000	21	29,200	54,000	56	56,300
Photographs	38	27,300	94,730	97	164,100	30	21,100	89,375	82	151,100
Plastering	28	31,000	....	200	155,190	31	50,000	....	225	334,930
Playing cards (a)	1	25,000	10,000	25	30,000	1	10,000	12,000	20	28,000
Poket books	2	3,050	6,000	5	7,500	2	2,750	6,000	5	7,400
Printing, job	80	550,000	590,000	850	1,538,300	77	560,500	637,000	779	1,373,726
Provisions	113	4,230,000	3,248,000	1,250	12,900,246	116	5,600,000	3,530,000	1,250	14,597,228
Pumps and plumbing	74	321,800	275,000	370	565,000	69	334,760	322,000	341	488,080
Railway materials and supplies	7	430,000	424,000	434	1,113,000	7	430,000	460,000	391	858,155
Ranges and warm air furnaces	8	143,000	125,000	150	339,300	8	152,000	125,000	153	351,000
Refrigerators, ice boxes, etc	4	27,700	32,000	24	44,700	3	23,000	35,000	22	39,000
Regalia and costumes	5	32,000	23,000	39	47,200	5	30,000	23,000	40	53,700
Roofing materials	9	141,000	94,000	127	217,840	11	135,000	100,000	138	230,548

THE MANUFACTURES OF THE CITY OF CINCINNATI—Continued.

Class of manufactures.	Year ending January 1, 1879.					Year ending January 1, 1878.				
	No. of establishments.	Cash capital invested.	Value of real estate occupied.	Number of hands employed.	Value of production.	No of establishments.	Cash capital invested.	Value of real estate occupied.	Number of hands employed.	Value of production.
Rubber moldings and stamps	7	$5,500	$6,800	11	$7,500	6	$5,370	$10,000	11	$7,860
Saddle-trees	2	23,500	23,500	40	45,300	2	23,500	23,500	40	45,300
Safes	6	965,000	387 000	990	1,973,000	5	1,000,000	428,000	970	1,915,000
Saws	5	103,900	95,807	60	81,065	5	92,094	97.517	46	74.885
Scales and trucks	4	35,500	38,000	28	58,800	4	35,600	37,000	31	65,000
Seal presses and canceling stamps	5	7,500	19,000	22	24,790	5	8,400	19,000	22	22,500
Sealing wax	1	3,000	...	10	10,000	3	7,000	14,000	27	23,000
Sewing machine outfits (see machinery for 1878)	...	...	...	...	...	5	120,000	61,400	94	158,400
Shipping tags	2	4,100	8,500	6	8,500	1	3,500	3,000	4	7,500
Shoes (see boots and shoes)	...	...	...	...	...	...	...	...	...	...
Show cases	4	27,500	35,600	45	77,000	4	33 000	41,600	47	76,630
Silver plated ware	8	39,300	71,000	64	82,042	7	42,700	81,000	63	79,707
Spices, mustard, etc	8	117,000	79 000	77	424,300	8	153,000	116,000	93	348,920
Stair building	11	34,100	37,000	95	103,400	10	44,200	40,000	98	126,100
Starch	2	6 0,000	350,000	185	785,000	2	600,000	362,000	183	835,000
Steamboats and barges	3	180,000	170,000	410	358 050	3	180,000	170,000	120	311,000
Steam heating apparatus	12	51,400	41,500	41	87,000	12	55,000	47,000	41	89,820
Stencils, dies and checks	9	21,000	45,000	49	57,448	9	18,500	45,000	48	51 000
Stone and marble work	42	730,000	660,000	700	1,137,700	41	732,210	601,000	731	1,407,800
Stoves and hollow ware	10	900,000	661,000	1,140	1,381,700	9	932,000	645,000	1,111	1,358,500
Stove polish (a)	2	2,500	3,000	4	4,000	2	2,700	3,000	4	4,100
Tin ware	71	193,000	263,800	437	729,500	64	184,800	231,500	420	673,710

Tobacco, cigars (*g*)	503	838,000	660,000	2,830	2,356,365	493	820,000	900,000	2,500	2,159,722
" fine-cut, plug, and snuff (*i*)	41	876,330	450,000	1,050	2,015,162	29	900,000	540,000	900	2,056,002
" smoking (*i*)										
Trunks and valises	14	109,000	238,700	113	169,300	14	109,000	256,500	120	188,800
Type and printing materials	5	280,000	200,000	400	520,000	5	280,000	220,000	384	490,000
Umbrellas and parasols	9	10,000	9,000	31	25,800	5	4,700	8,500	14	11,400
Varnishes and Japans (*a*)	5	160,000	75,000	45	500,000	6	160,000	70 000	35	210,000
Veneers	2	125,000	85 000	66	191,000	2	105,000	65,000	66	196,000
Vermicelli, macaroni, and chocolate	2	2,500	2,300	7	8,750	2	2 500	2,300	7	8,750
Vinegar and cider	15	129,000	134,300	58	553,713	15	135,100	150,000	55	565,000
Wagons, carts, etc	65	297,300	260,000	512	671,000	48	162,000	258,000	358	458,500
White lead, colors, paints, and putty	9	833,500	338,000	210	1,153,700	9	834,000	326,500	207	1,236,000
Wigs and hair goods	32	46,300	83,500	140	117,700	21	39,900	85,000	113	103,500
Willow ware	8	7,000	8,000	23	13,800	11	5,800	8,200	21	11,000
Window shades (*c*)	4	9,000	16,000	22	16,700	4	9,000	16 000	22	16,700
Woolen and worsted goods	3	145,000	91,000	154	241,000	2	163,000	125,000	187	276,000
Wooden ware	19	195,000	183,000	378	592,120	16	200,000	210,000	347	555,900
Wood turning	18	25,000	40,000	60	84,200	18	25,000	43,000	57	77,500
Wringing machines	1	75,000	30,000	40	110 000	1	75,000	30,000	40	120,000
Totals	5,272	57,509,215	45,245,687	67,145	138,736,105	5,183	57,868,592	47,464 792	64,709	135,123,768

a, Estimated.
b, 34,344,429 pounds, 1878. Hands, etc., included with provisions.
c, Previous year's figures.
d, 9,076,447 gallons, 1878.
e, 17,776,254 gallons, 1878. Hands, product, etc., of bottling establishments included.
f, 8,814,319 gallons, 1878.
g, 93,953,300 cigars, 1878. 2,511,000 cigarettes, 1878.
h, 81,560 barrels, 1878.
i, Number of establishments manufacturing plug tobacco, 4; fine cut, 13; smoking, 18; snuff, 6. Quantity produced: plug, 137,566 pounds; fine cut, 2,115,418¾ pounds; smoking, 1,824,841 pounds; snuff, 15,613¾ pounds, 1878.

A CLASSIFIED AND COMPARATIVE STATEMENT OF THE VALUE OF PRODUCTS OF THE MANUFACTURING INDUSTRY IN CINCINNATI, FOR THE YEARS 1870, 1872, 1873, 1874, 1875, 1876, 1877, AND 1878.—*Maxwell.*

Classification.	1870.	1872.	1873.	1874.	1875.	1876.	1877.	1878.
Iron	$20,804,263	$25,725,431	$20,114,531	$17,129,224	$16,083,835	$13,143,931	$13,288,749	$14,650,400
Other metals	3,873,356	4,344,650	5,003,745	4,871,362	4,870,978	4,351,314	4,491,030	4,740,764
Wood	12,699,165	15,231,089	13,773,117	13,776,066	13,421,034	12,990,716	13,867,604	12,940,424
Leather	7,227,324	7,966,514	6,961,539	7,651,113	7,870,175	7,729,818	7,352,039	8,893,075
Food	17,945,651	17,729,944	18,268,517	24,071,077	27,660,377	27,841,537	23,710,093	22,032,161
Soap, candles, and oil	7,455,561	8,436,039	7,939,453	9,527,343	9,919,143	9,964,100	8,293,930	8,525,427
Clothing	12,626,682	13,249,215	11,669,270	13,329,914	13,886,300	12,331,610	12,259,010	11,906,962
Liquors	16,361,006	21,536,831	17,680,371	24,231,273	23,040,267	23,615,588	23,617,711	24,631,726
Cotton, wool, hemp, etc	1,854,774	1,418,700	1,347,500	1,562,160	1,495,452	1,532,165	1,572,532	1,418,400
Drugs, chemicals, etc	3,544 195	2,473,630	1,559,028	3,937,593	4,029,870	4,278,048	4,125,648	4,031,700
Stone and earth	2,980,102	3,666,719	3,218,211	3,916,401	3,382,103	2,895,835	3,194,815	2,362,937
Carriages, cars, etc	1,794,413	2,216,462	1,907,192	1,941,396	2,123,162	1,943,757	2,354,064	3,824,199
Paper	880,516	1,332,097	952,288	1,687,290	2,213,887	2,167,312	2,140,402	4,240,447
Bookbinding and blank-books	626,870	702,853	708,678	838,810	813,300	765,800	642,700	578,000
Printing and publishing	4,699,280	4,551,180	5,312,547	5,930,304	6,200,454	5,418,149	4,957,426	4,952,200
Tobacco	5,837,690	5,567,343	4,640,325	4,745,688	4,198,177	4,657,592	4,315,724	4,371,527
Fine arts	540,746	695,196	626,731	694,114	650,569	517,070	520,180	578,670
Miscellaneous	5,697,427	6,100,662	5,975,765	4,363 253	4,561,831	4,429,618	4,520,111	4,097,146
Totals	$127,459,021	$143,486,675	$127,698,858	$144,207,371	$146,431,354	$140,583,960	$135,123,768	$138,736,165

Articles.	1878-79.			1877-78.			1876-77.		
	Quantity.	Invoice value.	Duty.	Quantity.	Invoice value.	Duty.	Quantity.	Invoice value.	Duty.
Free of Duty.									
Miscellaneous					$124				
Subject to Duty.									
Rice, pounds									
Barley, bushels	2,500	$1,441	$375 00	11,520	6,064	$1,728 12	141,532	$103,405	$21,229 93
Champagne, dozen							187	1,766	781 00
Cigars, pounds							123 7-16	476	427 59
Cotton, manufactures of									
China, earthenware, etc.		317	126 80						
Fancy goods, including toys		1,510	619 00		964	351 31		908	321 18
Fire-arms					1,766	618 10			
Fruit juice		1,842	460 50						
Glassware		355	133 86						
Polished granite		4,003	800 60						
Steel in sheets, bars, etc.	68,692	6,692	2,167 54						
Iron and steel, manufactures of		159	75 80		1,315	507 60		309	123 05
Jewelry and precious stones		3,245	618 80		3,229	571 15		9,488	1,699 95
Musical instruments									
Paintings					1,163	116 30			
Paper					1,198	699 30			
Plate glass, silvered, square feet									
Silks, manufactures of									
Spirits, proof, gallons	7,582	9,252	15,718 82	4,603	4,952	9,093 40	6,933	8,826	13,948 50

STATEMENT OF FOREIGN MERCHANDISE IMPORTED, ETC.—Continued.

Articles.	1878-79.			1878-78.			1876-77.		
	Quantity.	Invoice value.	Duty.	Quantity.	Invoice value.	Duty.	Quantity.	Invoice value.	Duty.
Wine, in casks, gallons	30,422	$27,172	$12,226 80	16,519	$14,897	$6,607 60	19,075	$17,982	7,630 00
Wine, in bottles, dozen	474¼	3,761	1,332 60	151	1,376	282 35	.....	.....	.....
Leaf tobacco, pounds	3,294	2,270	1,152 90	2,020	741	707 00	23,890	11,685	8,361 50
Wool, manufactures of	.....	.....	.....	.....	.....	.....	.....	3,678	2,310 70
Glycerine, pounds	.....	.....	.....	28,686	2,193	657 90	.....	.....	.....
Percussion-caps	.....	2,596	1,038 40	.....	3,837	1,534 80	.....	.....	.....
Tin-plate, pounds	45,994	1,907	505 93	775,369	34,326	8,529 05	341,645	16,962	3,758 10
Miscellaneous	.....	1,552	807 03	.....	4,015	1,447 31	.....	8,096	2,236 42
Totals	.....	$68 073	$38,160 32	.....	$83,260	$33,451 29	.....	$183,581	$62,877 91
Increase compared with 1877-78	.....	.....	$4,709 03	.....	.....	.....	.....	.....	.....
Decrease " " 1877-78	.....	$15,187	.....	.....	.....	.....	.....	.....	.....

TABLE SHOWING THE COLLECTIONS OF INTERNAL REVENUE, ALL SOURCES, IN CINCINNATI FOR TWO YEARS.—*Maxwell.*

	1878-79.	1877-78.
Distilled Spirits.		
Tax on spirits, at 50 cents per gallon		
" " 70 " "		
" " 90 " "	$8,794,161 90	$7,507,742 80
Rectified stamps	23,600 80	24,006 40
Wholesale liquor stamps	2,233 80	1,578 00
Distillery warehouse stamps	20,793 20	17,384 90
Export stamps	427 50	905 00
Other kinds of taxes	1 60	
Totals	$8,841,218 80	$7,551,217 10
Beer.		
Tax on beer (less 7½ per cent. discount allowed for sour beer) at $1.00 per barrel	$516,805 87	$509,299 88
Tobacco, Cigars, and Snuff.		
Tax on smoking and chewing tobacco, cigars, and snuff.	$1,249,845 14	$1,621,460 92
Banks.		
Tax on bank deposits (1-24 of 1 per cent. per month)	$27,906 16	$37,044 67
" " capital (1-24 of 1 per cent. per month)	6,660 61	7,046 76
Totals	$34,566 77	$44,091 43
Special Taxes (Licenses), etc.		
Rectifiers	$8,566 73	$12,493 33
Wholesale liquor dealers	18,345 63	17,516 67
Retail liquor dealers	80,543 78	77,543 34
Brewers	2,375 00	2,140 00
Stills or worms for distilling manufactured	20 00	
Manufacturers of stills	24 99	
Manufacturers of cigars and tobacco, dealers in manufactured and leaf tobacco, and peddlers of tobacco	28,777 42	27,794 58
Totals	$138,653 75	$137,777 92
Other Sources.		
Tax collected from other sources	$10,032 06	$3,591 65
Tax all sources	$10,691,122 29	$9,567,689 96

PAPER.

The production of the mills tributary to Cincinnati, for four years, ending June 30, according to reports made to the Superintendent of the Merchants' Exchange, will be found in the table immediately following. The list embraces the mills of twenty-seven firms or companies. Complete returns have been received from nearly the whole list, and careful estimates, based on intelligent sources of information, have been made where reports have not been furnished:

Kinds.	1878–79.		1877–78	
	Pounds.	Value.	Pounds.	Value.
Books	11,497,694	$1,010,061	11,885,330	$1,147,900
Manilla	10,294,526	672,709	9,663,257	692,257
News	8,963,072	539,466	8,903,453	621,422
Roofing	5,356,219	144,194	5,894,030	169,224
Wrapping	10,438,455	244,347	9,568,145	224,893
Writing	1,817,000	249,000	1,433,200	229,635
Totals	48,336,918	$2,859,768	47,347,415	$3,085,340

The following table shows the average annual price, per pound, at the mills, for the various kinds of paper for five years:

Kinds.	1878–9.	1877–8.	1876–7.	1875–6.	1874–5.
No. 1 sized and super calendered book	10c	12c	13c	14c	14½c
No. 2 " " " " "	9	11	11	12	12½
No. 2 common "	7½	9	10	11	11½
No. 3 " "	7	8	9	9½	10
Ham (straw) paper	1¾	2	2½	2½	2¾
Manilla No. 1	7	7	8	8	8½
" No. 2	5½	5¾	6	6	6
Newspaper, all rag	6	7	8¼	9	9½
" straw	5½	6½	8	8½	9
Wrapping paper, rag	2½	2½	2¾	2¾	3
" " straw	2	2	2½	2¾	3
Writing paper, fine	12	13	16 to 17	16 to 18	18
" " superfine	14	15	18 to 20	20	20
" " first-class	18	20	25 to 27	27	27

The returns, as to the manufacture of paper bags, also exhibit an encouraging increase over the preceding year, the production having been 119,289,000 bags, with an aggregate value of $182,261, in comparison with 103,614,000 bags, and a value of $175,856 in 1877–8. The whole

number of flour sacks made was 15,186,722, with a value of $190,954, compared with 14,287,955, and a value of $212,407. The whole number of both kinds manufactured for the year was 134,475,722, with a value of $373,815, in comparison with 117,901,955, and a value of $388,263 in 1877–8.

PORK.

The past year marked the end of the downward movement in the price of the hog product, and proved the only year in five in which the results were even measurably satisfactory to the packers. Even this was not free from its periods of depression, for the year, notwithstanding the low price at which hogs had been purchased, was not distinguished by any material growth in prices which proved of a permanent nature. At the time it was expected that the product was to go out at advanced prices, the appearance of the yellow fever in parts of the South arrested the upward movement, and though the alarm incident to the epidemic, and its injurious effects on business, were much less serious than the year before, still the outbreak was a blow at the wholesome growth in the prices of provisions, from which they did not recover until a late period of the year, when there was comparatively little stock remaining to be affected. The crop of hogs was immense, and the packing without precedent, but the extraordinary foreign demand, stimulated by the low prices, successfully disposed of an enormous surplus, and gave us promise of ample help in all future years, save in times of some general calamity, to handle our rapidly increasing production, provided it may be furnished at reasonably low prices.

The following table shows the gross price, or the equivalent of the gross price, for hogs, at Cincinnati, for thirty-one winter packing seasons:

Years.	Price.	Years.	Price.
1848–49	$2 70.4	1864–65	$11 69 84
1849–50	2 32 8	1865–66	9 57.3
1850–51	3 20.4	1866–67	6 02
1851–52	3 76.4	1867–68	6 60.2
1852–53	5 05 2	1868–69	8 41.5
1853–54	3 55 6	1869–70	9 46.3
1854–55	3 56 6	1870–71	5 59.1
1855–56	4 83 8	1871–72	4 36.4
1856–57	4 99	1872–73	3 92.3
1857–58	4 13 2	1873–74	4 58.2
1858–59	5 26.8	1874–75	6 99 17
1859–60	4 97.2	1875–76	7 27.53
1860–61	4 77.6	1876–77	5 90.18
1861–62	2 62.76	1877–78	4 19.83
1862–63	3 56	1878–79	2 83.89
1863–64	5 60.4		

The following table show the average weight, yield of lard, quotation or cost of hogs packed, at Cincinnati, for twenty winter packing seasons:

Years.	Average weight.		Average yield of lard per head.		Average quotation per 100 lbs. net.	Average cost per 100 lbs, gross.
	Gross lbs.	Net lbs.	All kinds, lbs.	Leaf and trim'ngs, lbs.		
1859-60		189		23	$6 21.5	
1860-61		221.2		28.59	5 97	
1861-62		224.96		29.27	3 28.45	
1862-63		293		25 91	4 45	
1863-64		188.91		23 16	7 00.5	
1864-65		201.12		24 2	14 62.3	
1865-66		238.58		32.52	11 96 62	
1866-67		232.28		30.5	7 52.5	
1867-68		210.17		25.17	8 25 25	
1868-69		214.37		25.16	10 51.87	
1869-70		226.33		27.12	11 82 87	
1870-71	298 8	239.07	42 62	31.2	6 87.62	
1871-72	289.2	231.36	41 02	29 6		$4 36.4
1872-73	304 9		45.67			3 92.3
1873-74	280.7		39 7			4 58.2
1874-75	278.25		41.77			6 99.17
1875-76	273.68		37 8			7 27.53
1876-77	274 71		38 2			5 90.18
1877-78	284.06		40.96			4 19.83
1878-79	270 58		36.84			2 83.89

The following table shows the total foreign exports of the hog product from all United s ates ports, for seven years, each year ending October 31:

Years.	Pork, lbs.	Lard, lbs.	Bacon and hams, lbs.
1878-79	72,701,000	324,306,195	750,212,813
1877-78	65,771,000	315,887,700	580,683,093
1876-77	58,160,400	228,526,868	442,007,537
1875-76	57,888,184	197,847,986	388,218,023
1874-75	62,427,881	167,567,568	264,219,647
1873-74	66,481,132	184,100,226	332,540,447
1872-73	63,865,621	234,897,521	415,228,587

The following table shows the total number of hogs cut at Cincinnati each winter packing season in forty-seven years:

Years.	Nos.	Years.	Nos.
1832–33	85,000	1856–57	344,512
1833–34	123,000	1857–58	446,677
1834–35	162,000	1858–59	382,826
1835–36	123,000	1859–60	434,499
1836–37	103,000	1860–61	433,799
1837–38	182,000	1861–62	474,467
1838–39	90,000	1862–63	606,457
1839–40	95,000	1863–64	370,623
1840–41	160,000	1864–65	350,000
1841–42	220,000	1865–66	354,079
1842–43	250,000	1866–67	462,610
1843–44	240,000	1867–68	366,831
1844–45	196,000	1868–69	365,555
1845–46	205,000	1869–70	337,330
1846–47	270,000	1870–71	481,568
1847–48	475,000	1871–72	530,301
1848–49	410,000	1872–73	626,205
1849–50	393,000	1873–74	581,253
1850–51	334,000	1874–75	560,164
1851–52	352,000	1875–76	563,359
1852–53	361,000	1876–77	523,576
1853–54	421,000	1877–78	632,302
1854–55	355,786	1878–79	623,584
1855–56	405,396		

The following tables show the aggregate annual receipts and shipments of hogs and the hog product at Cincinnati during eleven pork years, each year ending October 31:

IMPORTS.

Years.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
1868–69	449,884	15,468	15,451,425	21,054,269
1869–70	486,487	14,102	8,547,480	24,791,596
1870–71	724,069	14,565	14,954,820	34,693,854
1871–72	996,216	31,277	14,675,970	41,340,576
1872–73	1,125,380	9,284	17,589,825	45,337,236
1873–74	1,113,331	7,279	16,921,080	35,963,598
1874–75	911,478	9,650	12,154,500	26,493,613
1875–76	882,618	5,924	13,680,811	25,789,708
1876–77	950,091	4,066	8,649,842	20,275,625
1877–78	1,069,146	3,189	9,435,791	18,617,937
1878–79	1,059,710	5,327	12,022,574	18,706,246

EXPORTS.

Years.	Hogs, head.	Pork, bbls.	Lard, lbs.	Meats, lbs.
1868–69	76,939	71,055	36,253,380	66,309,106
1869–70	38,649	71,858	22,922,880	68,783,744
1870–71	87,463	65,547	40,614,090	95,843,823
1871–72	170,124	109,279	43,307,010	120,847,895
1872–73	267,399	47,494	45, 79,630	136,765,300
1873–74	396,803	46,357	40,936,125	124,342,241
1874–75	150,428	55,268	34,767,334	98,129,018
1875–76	1-5,621	54,892	34,927,861	97,649,782
1876–77	247,005	59,373	33,907,783	90,707,938
1877–78	231,929	67,611	43,658,859	93,447,945
1878–79	213,058	60,307	42,075,935	102,751,489

The following table shows, for the past two winter seasons, the number of hogs packed in the various packing points in Ohio, that packed, in either season, 5,000 hogs and over. The blanks indicate either that that the number was under 5,000, or that none was packed. The figures for both seasons are those of the *Cincinnati Price Current:*

	1878–79.	1877–78.
Chillicothe	5,400	8,415
Circleville	11,856	12,554
Cleveland	158,097	107,762
Cincinnati	623,584	632,302
Dayton	11,500	9,000
Fremont	5,319	
Hamilton	8,415	6,000
Kenton	6,100	5,000
Lima	5,804	7,750
Minster		6,000
New Bremen	6,275	7,750
Ripley		5,000
Sidney	6,000	6,000
Spring Valley	5,057	
Toledo	16,500	19,728
Washington C.H.		19,950
Wilmington		5,000
Xenia	19,846	19,792
All other points	43,125	50,129
Total	932,878	934,132

Comparative Table by States.

The following table exhibits, by States, for the seasons of 1878 79 and 1877-78, respectively, the number of hogs packed between November 1st and March 1st, the average gross and net weight, average yield per head of lard of all kinds, total product of lard, the average prices paid per hundred pounds gross and net, the aggregate cost, together with the grand aggregates and general averages of the West, in a period of nine years. The table has been prepared from the reports of the Cincinnati Price Current for 1878-79, 1877-78, and 1876-77, and from the reports of the Superintendent of the Cincinnati Merchants' Exchange for previous years, the gross averages for the past two years having been reached by the usual allowance of twenty per cent. as the difference between the gross and net averages.

States.	Number of Hogs.		Weight.				Lard.				Price.					
			Average gross weight.		Average net weight.		Average yield per head of all kinds of lard.		Total product of lard, lbs.		Average price per 100 lbs., gross.		Average price per 100 lbs., net.		Aggregate cost.	
	1878-79	1877-78	1878 79	1877-78	1878-79	1877-78	1878-79	1877-78	1878-79	1877-78	1878-79	1877-78	1878-79	1877-78	1878-79	1877-78
Ohio	932,878	934,132	263.08	279.81	210.47	223.85	35.09	39.	32,736,541	36,433,015	$2 91	$4 12	$3 63	$5 15	$7,123,938	$10,767,520
Illinois	3,214,896	2,714,748	292 13	296.96	225.71	229.57	44.	39.72	141,449,103	107,863,411	2 99	4 08	3 74	5 10	27,164,232	31,787,339
Indiana	682,321	496,025	242.25	267 9	193.80	214.32	29.09	34.42	19,851,657	17,074,584	2 74	3 95	3 42	4 93	4,529.023	5,238,287
Iowa	569,703	486,850	264.97	275 66	211.98	220.53	37.73	37.7	21,498,398	18,163,957	2 51	3 58	3 14	4 48	3,794,245	4,809,391
Kansas	132,346	41,470	276.42	334.35	221.14	267.48	39.16	42.2	5,222,000	1 750,248	2 63	3 49	3 29	4 36	964,325	484,200
Kentucky	212,412	318,301	262.63	276.65	210.11	223.72	32 29	34 67	6,859,100	11,041,100	2 68	4 28	3 36	5 35	1,501,218	3,807,673
Michigan	132,976	120,095	263.36	293.6	210.69	234.88	32.6	36 94	4,335,774	4,436,078	2 69	3 86	3 37	4 83	945,805	1,363,759
Minnesota	18,450	23 700	328 86	326.37	263.09	261.1	30.09	44.11	554.950	1,045,500	2 37	3 54	2 98	4 42	144,392	254,957
Missouri	965,839	804,614	266 65	274.67	213.32	219.74	40.83	39.12	39,434,533	31,478,408	2 72	3 86	3 40	4 82	6,999,237	8,527,150
Nebraska	80,658	56,000	288 77	290 35	231.02	232.28	44.29	47.71	3,572,110	2,672,000	2 51	3 52	3 14	4 40	584.687	571,932
Tennessee	40,561	66,+97	261.86	260.81	209.49	208 65	32 95	31.58	1,336,441	2,112,993	2 53	4 32	3 17	5 03	267,635	701,817
Wisconsin	472,108	412,614	276 01	295.64	220.81	236.51	36.22	39.14	17,101,751	16,148,375	2 77	3 86	3 47	4 83	3,619,025	4,710,708
West Virginia	10,500	14,800														
Pittsburgh, Pa	10,000	13,000	256.61	269.16	205.29	215.33	31.37	32.46	800,000	973,801	2 92	4 25	3 66	5 31	191,830	343,479
Atlanta, Ga	5,000	3,000														
Totals	7,480,648	6 505,446	271.42	282.55	217.14	226 04	39.4	38.61	294,752,358	251,193,500	$2 84.8	$3 99.2	$3 56	$4 99	$57,829,592	$73,368,212
Grand totals.																
1878-79	7,480.648		271.42		217 14		39.4		294,752,358		$2 84 8		$3 56		$57,829,592	
1877-78	6,505,446		282.55		226 04		38.61		251,193,500		3 99.2		4 99		73,368,212	
1876-77	5,101,308		269 9		215.92		34 08		173.877,890		5 74 06		7 18		79,040,436	
1875-76	4,850,192		272 61				36 04		174,803.331		7 06 56				93,422.543	
1874-75	5,537,124		262.47				34 93		193,432,170		6 65.69				96,749.250	
1873-74	5,383,810		268.26				35 50		191,139,000		4 38 75				63,379,339	
1872-73	5.456,004		289.51				40.07		218,655,238		3 78.84				59 841,163	
1871-72	4,782,403		282.2				38.58		184,552.627		4 13.58				55,818,711	
1870-71	3,623,404		285.12				37.71		136,653,181		6 34.17				65,518,123	

TRADE AND COMMERCE

OF

TOLEDO.

THE TRADE AND COMMERCE OF TOLEDO.

[Compiled from the Annual Report of Henry S. Bunker, Secretary of the Toledo "Merchant's and Manufacturer's Exchange," and the Annual Report of Dennison B. Smith, Secretary of the Toledo Produce Exchange]

TRADE AND SUPPLIES—AGRICULTURAL PRODUCTS.

Toledo relies chiefly on the Wabash, the several lines of the Lake Shore, and the Dayton and Michigan Railways, and the canals, for her agricultural supplies, while considerable amounts arrive by all other railways. Of the total of 43,677,612 bushels of grain received in 1879, about 75 per cent. came by the Wabash, 12 per cent. by the Lake Shore lines, 7 per cent. by the Dayton and Michigan, and 2½ per cent. by canals, while the proportions of the shipments were by lake, about 45 per cent.; by Canada Southern Road, 28 per cent.; by Lake Shore Road, 20 per cent.; and by the Pennsylvania Road, 2½ per cent.

COAL.

Reliance is now largely on the Columbus and Toledo, the Lake Shore, and the Pennsylvania Roads, as to bituminous; and on the lake chiefly for anthracite coals. Of the 401,808 tons received in 1879, the Columbus and Toledo brought 274,389, the Lake Shore 56,000, the Pennsylvania 30,784, the Dayton and Michigan 3,874, the Canada Southern 8,492, and the lake 37,301 tons. Within the current year it is confidently believed, that to the facilities now possessed, will be added those of the Ohio Central Railway, which, like the Columbus and Toledo, will make coal a specialty and thus largely add to Toledo's present superior advantages in this trade. What has been done by the opening of the Columbus and Toledo Railway, may be judged from the fact that in 1872 the total receipts of coal was 145,000 tons, showing an increase of 256,000 tons, or 177 per cent. In this connection it will be pertinent to state, that during the canvass in Toledo for aid for the Columbus Road, it was given as an inducement with our citizens, that the construction of that road would reduce the price of soft coal from $4.50 to $3.50 per ton. So fully has this promise been fulfilled, that during the year 1879 superior Hocking Valley coal was delivered in Toledo at $2.40 per ton, being a

reduction of $2.10 on the former cost, and of $1.10 more than what seemed to be the liberal inducement made in 1873. What may be the result in this respect of the competition of the direct road to the Great Vein and other mines of Perry county, cannot now be stated, although it will be certain, while increasing the facilities, to make more sure a a healthy competition. To all these are likely soon to be added the facilities of the Wheeling and Lake Erie Railway, now under progress, with new assurances of early completion. Furnishing Toledo, as it will, with access to the nearest valuable coal mines, and making the third direct line of the sort, that road cannot fail materially to strengthen this important branch of the city's trade.

LUMBER.

The main dependence is on the Flint and Pere Marquette and Lake Shore Railways, and the water communication, these being direct with Saginaw, Grand Rapids, and other pine regions of Michigan. The receipts for 1879 aggregated 200,666,000 feet of lumber, 173,130,000 shingles, and 24,702,000 lath. Besides these, were about 25,000,000 feet of hardwood lumber, from the yet abundant forests nearer home, which can be relied upon for any demand that is likely to be made.

TOLEDO AS A POINT OF MANUFACTURES.

So long has Toledo been recognized and discussed as a leading commercial city, that its special advantages as a manufacturing point have been largely overlooked, and by very few properly appreciated. There seems to have been heretofore in the popular mind generally, the idea that commerce and manufactures could not be expected to prosper side by side—that, to be successful, they must be prosecuted apart. While manufacturing machinery for power was wholly dependent on water, there was much ground for this view; but with the advent of steam as the great motor of the world, this was changed, and now manufacturing finds no limits but those of supply of materials and demand for products. It is no longer necessary to seek in some mountain glen the waterfall once requisite for manufacturing, but only the locality where steam-fuel and raw material most readily meet and find adequate facilities for the distribution of articles manufactured.

These requisites, in an eminent degree, are found at Toledo. This is specially true as to manufactures of iron and wood, and only less so as to most other branches of industry. No point in the United States combines in a greater degree all facilities of this kind. With direct, ample and competing supplies of steam coal, second to none in quality and re-

markably low in cost, the matter of power is reduced to the lowest figures. The supplies of iron and wood are abundant and cheap. This is especially true of the hard woods, the scarcity and high prices of which are becoming serious embarrassments at many points heretofore favorable for such productions. Beside the hundreds of millions of superior pine annually handled here, we have large supplies of walnut, cherry, ash, oak, poplar, sycamore, cottonwood, and other now valuable varieties, the whole constituting a supply, which in quality and prices, finds no equal in the country. As indicating something of the lumber supply at this point, it may be stated that there are now here fifteen firms, who handle Michigan pine, three of which have saw-mills in the city for the manufacture of bridge, car, and general building timber, together with other special work. Several of our dealers have mills in the Michigan pine regions, from which their yards are supplied as the market from time to time, may demand. The extent of this trade will be seen from the fact that the receipts for pine lumber for 1879 amounted to 146,456,000 feet; the sales 151,666,000 feet; with a stock on hand January 1, 1880, of 55,625,000 feet; while the sales, same time, of shingles were 55,577,000, with 6,654,000 on hand; and sales of 34,105,000 lath with 7,368,000 in stock. Beside the above amounts, from 10,000,000 to 12,000,000 feet of pine, brought direct from Michigan, have been consumed by home manufactures; while not less than 50,000,000 feet, consigned to Toledo on interior orders, added, make a total of 200,666,000 feet, as the grand total of the year's traffic. Adding like receipts of shingles and lath to amounts already given, we have a total of 60,000,000 of the former and 40,000,000 of the latter.

THE WHOLESALE TRADE OF TOLEDO.

With the extraordinary facilities for the the distribution of goods, supplied by Toledo's network of railways, stretching out in every possible direction, and reaching nearly every town and village, the only matter of surprise in connection with the wholesale trade of the city is, not that it is so large, but that it is not much larger.

Some idea of the character and extent of the present wholesale trade of this city will be had from the following statement of business in the various departments during the year 1879, to wit:

Hardware	$1,250,000	Furniture	$400,000
Groceries	3,000,000	Woodenware	1,000,000
Dry goods	2,500,000	Books	425,000
Boots and shoes	3,250,000	Carpets	250,000
Drugs	600,000	Jewelry	200,000
Music and musical instruments	500,000	Confectionery	175,000
Hides	500,000	Millinery	300,000
Leather	300,000	Trunks	150,000

Pottery and glassware	$450,000	Spice mills	$500,000
Saddlery	500,000	Lumber, pine	5,000,000
Wines and liquors	1,500,000	Lumber, hardwood	1,000,000
Hats, caps, and furs	175,000	Tobacco, manufactures of	1,000,000
Marble	200,000	Flour, receipts worth	5,748,000
Oysters	100,000	Wheat, receipts worth	23,000,000
Fruits, nuts, etc	50,000	Corn, receipts worth	5,460,000
Internal revenue paid by liquor dealers and tobacconists	500,000	Barley, receipts worth	235,000
		Rye, receipts worth	240,000
Hog products	250,000	Coal sold	2,000,000
Stoves, roofing, etc	500,000	Fish	300,000
Paints and oils	250,000	Planing mills	5,000,000
Trusses	25,000	Wagons and carriages	1,000,000
Flour made by Toledo mills	720,000	Heavy timber, etc	500,000
Oils, carbon and lubricating	425,000	Light woodwork	300,000
Cooperage	400,000	Building	240,000
Crackers	150,000	Street improvements	101,315
		Grand total	$82,819,000

WHEAT, CORN, AND OATS.

Receipts, 1877.

Wheat, bushels	8,151,712
Corn, "	17,589,558
Oats, "	2,540,700

Receipts, 1878.

Wheat, bushels	17,497,748
Corn, "	19,265,722
Oats, "	3,699,877

Receipts, 1879.

Wheat, bushels	22,501,616
Corn, "	15,331,728
Oats, "	4,046,073

AGGREGATE GRAIN RECEIPTS FOR TWENTY YEARS.

The total yearly supply of grain for the past twenty years has been as follows:

1860—bushels	14,504,903	1870—bushels	23,714,510
1861— "	18,706,500	1871— "	35,300,220
1862— "	22,695,491	1872— "	35,527,265
1863— "	14,691,193	1873— "	35,186,794
1864— "	14,108,993	1874— "	39,304,891
1865— "	12,857,250	1875— "	31,851,727
1866— "	12,664,404	1876— "	31,817,683
1867— "	13,131,905	1877— "	31,330,256
1868— "	16,141,990	1878— "	40,969,837
1869— "	18,660,949	1879— "	43,077,612

AGGREGATE STATEMENT OF RECEIPTS AND SHIPMENTS OF FLOUR AND GRAIN FOR 1879.
FLOUR REDUCED TO WHEAT.

Supply.

Routes.	Flour, bbls.	Wheat, bush	Corn, bush.	Oats, bush.	Rye, bush.	Barley, bush.
Wabash Railway	606,863	12,089,685	13,540,499	3,570,083	231,255	.....
L. S. & M. S. Railway	2,105	2,599,249	1,137,059	74,111	5,333	.....
D & M. "	99,786	2,065,025	716,591	202,621	1,790	.....
Canada Southern "	500	184,546	3,050	3,768	267	.....
Pennsylvania "	120	156,273	5,640	900	900	3,600
Columbus & T. "	8,426	169,765	10,500	9,275	1,000	350
Toledo & A. A. "	5,613	204,670	600	21,603	.....	450
Miami and Erie Canal	6,488	751,179	171,110	62,666	3,509	1,500
Lake	.....	.....	.....	.....	.....	46,839
Teams	.....	225,000	53,000	46,000	7,300	3,100
Manufactured here	72,000	.....	.....	.....	.....	.....
Flour reduced to wheat	.....	3,600,000	.....	.....	.....	.....
	801,901	22,045,392	15,638,049	3,991,027	251,354	55,839
In store here Jan. 1, 1879	.....	456,224	495,679	55,046	7,144	81,858
Total supply	801,901	22,501,616	16,133,728	4,046,073	258,498	137,697

Disposal.

Routes.	Flour, bbls.	Wheat, bush.	Corn, bush.	Oats, bush.	Rye, bush.	Barley, bush.
Lake	49,729	12,788,414	5,004,931	441,638	32,910	.....
L. S. & M. S. Railway	172,738	1,100,171	4,077,488	2,076,049	15,466	.....
Canada Southern "	410,887	3,079,587	5,766,911	1,348,176	121,969	.....
Pennsylvania "	48,260	510,235	847,713	72,587	.....	.....
D. & M. "	271	3,200	48,172	.....	4,900	.....
T. & A. A. "	10	.....	1,425	.....	.....	.....
Miami and Erie Canal	6	17,159	.....	.....	.....	.....
Taken by city trade	120,000	.....	.....	.....	.....	.....
Withdrawn from store by millers	.....	225,000	.....	.....	76,546	95,697
In store here Dec 31, 1879	.....	1,077,850	387,088	107,643	6,707	42,000
Flour reduced to wheat	.....	3,600,000	.....	.....	.....	.....
Total	801,901	22,501,616	16,133,728	4,046,073	258,498	137,697

THE MANUFACTURES

OF THE

CITY OF CLEVELAND.

THE PRINCIPAL MANUFACTURES OF THE CITY OF CLEVELAND, 1879.

[Compiled by L. F. Bander, Auditor of Cuyahoga county.]

Acids.
Agricultural works.
Ammonia.
Awning.
Axle.
Axle grease.
Babbitt metal.
Barrels.
Baskets.
Bellows.
Boats.
Boiler compound.
Boilers.
Boiler plate.
Bolt, nuts and washers.
Boots and shoes.
Boxes.
Brass founders.
Brewers.
Brick.
Bridge.
Brooms.
Brushes.
Burial cases.
Cans.
Candles.
Candy.
Car builders.
Car wheels.
Carriages.
Chains.
Chairs.
Chemical works.
Cigars.
Clothing.
Coffee and spice mills.
Colors.
Coopers.
Copperas.
Cords and tassels.
Cornices.
Corsets.
Cotton gins.
Elbows.
Electrical instruments.
Faucets.
Files.
Fence.
Fertilizers.
Flour.
Foundries.
Furnaces.
Furniture.
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Organs and melodeons.
Packers, pork and beef.
Paints.
Paper boxes.
Pig iron.
Pipe.
Planing mills.
Plaster.
Potteries.
Powder, gun.
Pumps.
Railroad iron.
Rectifiers.
Roll mills.
Ropewalks.
Rubber works.
Saw manufacturers.
Saw mills.
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Screws.

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